

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRoche Avenue
Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-116122-1

Client Project/Site: Gold King Mine - Region 8
Revision: 1

For:

Weston Solutions, Inc.
1435 Garrison Street
Suite 100
Lakewood, Colorado 80215

Attn: Moira Pryhoda

Kathryn Smith

Authorized for release by:

9/11/2015 11:35:19 AM

Kathryn Smith, Project Manager II

(912)354-7858

kathy.smith@testamericainc.com

Designee for

Sheila Hoffman, Project Manager II

(912)354-7858 e.3004

sheila.hoffman@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Method Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
200.7 Rev 4.4	Metals (ICP)	EPA	TAL SAV
200.8	Metals (ICP/MS)	EPA	TAL SAV
2340B-2011	Total Hardness (as CaCO ₃) by calculation	SM	TAL SAV
245.1	Mercury (CVAA)	EPA	TAL SAV
2320B-2011	Alkalinity, Total	SM	TAL SAV
4500 H+ B-2011	pH	SM	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
680-116122-1	RBEffluent_082615	Water	08/26/15 12:53	08/28/15 09:20	1
680-116122-2	CC06_082615	Water	08/26/15 08:20	08/28/15 09:20	2
680-116122-3	TP04_082615	Water	08/26/15 10:03	08/28/15 09:20	3
680-116122-4	A68_082615	Water	08/26/15 12:30	08/28/15 09:20	4
680-116122-5	A72_082615	Water	08/26/15 13:45	08/28/15 09:20	5
680-116122-6	GKMSW02_082615	Water	08/26/15 11:10	08/28/15 09:20	6
680-116122-7	A68_082615D	Water	08/26/15 12:30	08/28/15 09:20	7
680-116122-8	CC48_082615	Water	08/26/15 13:10	08/28/15 09:20	8
680-116122-9	GKMSW01_082715	Water	08/27/15 08:45	08/28/15 09:20	9
680-116122-10	GKMSW04_082715	Water	08/27/15 09:40	08/28/15 09:20	10
680-116122-11	GKMSW05_082715	Water	08/27/15 09:10	08/28/15 09:20	11

TestAmerica Savannah

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H	Sample was prepped or analyzed beyond the specified holding time
E	Result exceeded calibration range.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL.
F3	Duplicate RPD exceeds the control limit

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
%	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Job ID: 680-116122-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Gold King Mine - Region 8

Report Number: 680-116122-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report has been revised to incorporate re-analysis results for the following samples for the 200.8 fraction: RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), (680-116122-B-1-B MS) and (680-116122-B-1-C MSD). The results originally provided for these samples were preliminary pending the outcome of any required re-analyses. This report revision constitutes the final results for this Job.

RECEIPT

The samples were received on 08/28/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.1° C and 2.2° C.

DISSOLVED METALS (ICP)

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615 (680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for dissolved metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 08/28/2015 and analyzed on 08/28/2015 and 08/29/2015.

Potassium, Dissolved, Calcium, Dissolved and Magnesium, Dissolved failed the recovery criteria high for the MS of sample RBEffluent_082615MS (680-116122-1) in batch 680-398685.

Several analytes failed the recovery criteria high for the MSD of sample RBEffluent_082615MSD (680-116122-1) in batch 680-398685.

Calcium, Dissolved, Iron, Dissolved and Magnesium, Dissolved failed the recovery criteria high for the MS of sample GKMSW01_082715MS (680-116122-9) in batch 680-398685.

Calcium, Dissolved and Iron, Dissolved failed the recovery criteria high for the MSD of sample GKMSW01_082715MSD (680-116122-9) in batch 680-398685.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICP)

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615

Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Job ID: 680-116122-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

(680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for total metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 08/28/2015 and analyzed on 08/28/2015 and 08/29/2015.

Calcium failed the recovery criteria high for the MS of sample A68_082615MS (680-116122-4) in batch 680-398685.

Calcium and Iron failed the recovery criteria low for the MS of sample GKMSW01_082715MS (680-116122-9) in batch 680-398685.

Calcium and Iron failed the recovery criteria low for the MSD of sample GKMSW01_082715MSD (680-116122-9) in batch 680-398685.

Refer to the QC report for details.

Samples RBEffluent_082615 (680-116122-1)[10X] and CC06_082615 (680-116122-2)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED METALS (ICPMS)

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615 (680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for dissolved metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 08/28/2015 and analyzed on 08/28/2015 and 09/01/2015.

Copper, Dissolved failed the recovery criteria low for the MS of sample RBEffluent_082615MS (680-116122-1) in batch 680-398660. Manganese, Dissolved and Zinc, Dissolved failed the recovery criteria high.

Copper, Dissolved, Manganese, Dissolved and Zinc, Dissolved failed the recovery criteria low for the MSD of sample RBEffluent_082615MSD (680-116122-1) in batch 680-398660.

Manganese, Dissolved and Zinc, Dissolved failed the recovery criteria high for the MS of sample GKMSW01_082715MS (680-116122-9) in batch 680-398660.

Zinc, Dissolved failed the recovery criteria high for the MSD of sample GKMSW01_082715MSD (680-116122-9) in batch 680-398660.

Several analytes exceeded the RPD limit for the duplicate of sample GKMSW01_082715DU (680-116122-9).

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICPMS)

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615 (680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for total metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 08/28/2015 and analyzed on 08/28/2015 and 09/01/2015.

Vanadium, Dissolved and Zinc, Dissolved were detected in method blank MB 680-398581/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Vanadium was detected in method blank MB 680-398600/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Zinc, Dissolved failed the recovery criteria high for LCS 680-398581/2-A.

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Job ID: 680-116122-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Zinc failed the recovery criteria high for the MS of sample A68_082615MS (680-116122-4) in batch 680-398660.

Zinc failed the recovery criteria low for the MS of sample GKMSW01_082715MS (680-116122-9) in batch 680-398660.

Zinc failed the recovery criteria low for the MSD of sample GKMSW01_082715MSD (680-116122-9) in batch 680-398660.

The presence of the '4' qualifier indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Several analytes exceeded the RPD limit for the duplicate of sample GKMSW01_082715DU (680-116122-9).

One or more Internal standard responses were outside the lower acceptance limits for the following sample: CC06_082615 (680-116122-2). Low internal standard recoveries could possibly bias the results high.

The following analytes recovered above the linear range of the calibration: Manganese, Copper and Zinc. The data has been qualified as an estimated value and reported on the following samples: RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2) and TP04_082615 (680-116122-3)

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED MERCURY (CVAA)

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615 (680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for dissolved mercury (CVAA) in accordance with EPA Method 245.1. The samples were prepared and analyzed on 08/28/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615 (680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for total mercury in accordance with EPA Method 245.1. The samples were prepared and analyzed on 08/28/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ALKALINITY

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615 (680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for alkalinity in accordance with SM 2320B. The samples were analyzed on 08/28/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ANIONS BY ION CHROMATOGRAPHY (28 DAY)

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615 (680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for Anions by Ion Chromatography (28 Day) in accordance with EPA Method 300.0. The samples were analyzed on 08/28/2015.

Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Job ID: 680-116122-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Samples RBEffluent_082615 (680-116122-1)[4X], RBEffluent_082615 (680-116122-1)[50X], CC06_082615 (680-116122-2)[4X], CC06_082615 (680-116122-2)[50X], TP04_082615 (680-116122-3)[50X], A68_082615 (680-116122-4)[5X], A72_082615 (680-116122-5)[5X], GKMSW02_082615 (680-116122-6)[5X], A68_082615D (680-116122-7)[5X], CC48_082615 (680-116122-8)[25X], GKMSW01_082715 (680-116122-9)[5X], GKMSW04_082715 (680-116122-10)[5X] and GKMSW05_082715 (680-116122-11)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ANIONS BY ION CHROMATOGRAPHY (48 HOUR)

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615 (680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for Anions by Ion Chromatography (48 Hour) in accordance with EPA Method 300.0. The samples were analyzed on 08/28/2015.

The following sample was received to the laboratory with insufficient time remaining to perform the analysis within holding time: CC06_082615 (680-116122-2).

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL HARDNESS (AS CaCO₃) BY CALCULATION

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615 (680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for total hardness (as CaCO₃) by calculation in accordance with SM 2340B. The samples were analyzed on 08/29/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

CORROSIVITY (PH)

Samples RBEffluent_082615 (680-116122-1), CC06_082615 (680-116122-2), TP04_082615 (680-116122-3), A68_082615 (680-116122-4), A72_082615 (680-116122-5), GKMSW02_082615 (680-116122-6), A68_082615D (680-116122-7), CC48_082615 (680-116122-8), GKMSW01_082715 (680-116122-9), GKMSW04_082715 (680-116122-10) and GKMSW05_082715 (680-116122-11) were analyzed for corrosivity (pH) in accordance with SM 4500 H+ B. The samples were analyzed on 08/28/2015.

This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. This sample(s) was performed in the laboratory outside the 15 minute timeframe.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: RBEffluent_082615

Lab Sample ID: 680-116122-1

Matrix: Water

Date Collected: 08/26/15 12:53

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.37	J	0.50	0.20	mg/L			08/28/15 11:58	1
Nitrate as N	0.023	U	0.050	0.023	mg/L			08/28/15 13:37	1
Fluoride	9.4		0.40	0.16	mg/L			08/28/15 18:39	4
Sulfate	1700		50	20	mg/L			08/28/15 18:54	50

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	29000		200	24	ug/L			08/28/15 19:06	1
Calcium	360000		5000	250	ug/L			08/29/15 08:49	10
Iron	91000		50	17	ug/L			08/28/15 19:06	1
Magnesium	32000		5000	330	ug/L			08/29/15 08:49	10
Potassium	2500		1000	17	ug/L			08/28/15 19:06	1
Sodium	600	J	1000	480	ug/L			08/28/15 19:06	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	28000		200	24	ug/L			08/28/15 20:34	1
Calcium, Dissolved	350000		5000	250	ug/L			08/29/15 08:56	10
Iron, Dissolved	59000		50	17	ug/L			08/28/15 20:34	1
Magnesium, Dissolved	31000		5000	330	ug/L			08/29/15 08:56	10
Potassium, Dissolved	2400	F1	1000	17	ug/L			08/28/15 20:34	1
Sodium, Dissolved	620	J	1000	480	ug/L			08/28/15 20:34	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.5		1.0	0.40	ug/L			08/28/15 21:49	1
Arsenic	23		5.0	1.9	ug/L			09/01/15 15:00	5
Barium	8.5		2.0	0.14	ug/L			08/28/15 21:49	1
Beryllium	8.1		0.40	0.15	ug/L			08/28/15 21:49	1
Cadmium	62		0.50	0.043	ug/L			08/28/15 21:49	1
Chromium	3.1		2.0	1.0	ug/L			08/28/15 21:49	1
Cobalt	110		0.40	0.12	ug/L			08/28/15 21:49	1
Copper	5300	E	1.0	0.50	ug/L			08/28/15 21:49	1
Lead	41		0.30	0.060	ug/L			08/28/15 21:49	1
Manganese	33000	E	2.5	1.2	ug/L			08/28/15 21:49	1
Molybdenum	2.2		1.0	0.45	ug/L			08/28/15 21:49	1
Nickel	66		1.0	0.40	ug/L			08/28/15 21:49	1
Selenium	4.6	J	10	2.9	ug/L			09/01/15 15:00	5
Silver	0.13	J	1.0	0.10	ug/L			08/28/15 21:49	1
Thallium	0.44		0.20	0.10	ug/L			08/28/15 21:49	1
Vanadium	15	B	1.0	0.30	ug/L			08/28/15 21:49	1
Zinc	24000	E	20	2.8	ug/L			08/28/15 21:49	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L			08/28/15 19:00	1
Arsenic, Dissolved	1.9	U	5.0	1.9	ug/L			09/01/15 15:13	5
Barium, Dissolved	8.8		2.0	0.14	ug/L			08/28/15 19:00	1
Beryllium, Dissolved	8.7		0.40	0.15	ug/L			08/28/15 19:00	1
Cadmium, Dissolved	71		0.50	0.043	ug/L			08/28/15 19:00	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: RBEffluent_082615

Lab Sample ID: 680-116122-1

Matrix: Water

Date Collected: 08/26/15 12:53

Date Received: 08/28/15 09:20

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/28/15 13:00	08/28/15 19:00	1
Cobalt, Dissolved	110		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 19:00	1
Copper, Dissolved	5300	E	1.0	0.50	ug/L		08/28/15 13:00	08/28/15 19:00	1
Lead, Dissolved	19		0.30	0.060	ug/L		08/28/15 13:00	08/28/15 19:00	1
Manganese, Dissolved	33000	E	2.5	1.2	ug/L		08/28/15 13:00	08/28/15 19:00	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/28/15 13:00	08/28/15 19:00	1
Nickel, Dissolved	66		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:00	1
Selenium, Dissolved	2.9	U	10	2.9	ug/L		08/28/15 13:00	09/01/15 15:13	5
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 19:00	1
Thallium, Dissolved	0.31		0.20	0.10	ug/L		08/28/15 13:00	08/28/15 19:00	1
Vanadium, Dissolved	0.72	J B	1.0	0.30	ug/L		08/28/15 13:00	08/28/15 19:00	1
Zinc, Dissolved	24000	E B *	20	2.8	ug/L		08/28/15 13:00	08/28/15 19:00	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	1000			3.3	mg/L			08/29/15 10:36	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 17:45	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 13:33	08/28/15 19:28	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.38	HF			SU			08/28/15 13:04	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/28/15 13:04	1

Client Sample ID: CC06_082615

Lab Sample ID: 680-116122-2

Matrix: Water

Date Collected: 08/26/15 08:20

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.34	J	0.50	0.20	mg/L			08/28/15 12:13	1
Nitrate as N	0.023	U H	0.050	0.023	mg/L			08/28/15 11:34	1
Fluoride	10		0.40	0.16	mg/L			08/28/15 19:09	4
Sulfate	1800		50	20	mg/L			08/28/15 19:25	50

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	30000		200	24	ug/L		08/28/15 13:41	08/28/15 19:10	1
Calcium	340000		5000	250	ug/L		08/28/15 13:41	08/29/15 08:52	10
Iron	120000		50	17	ug/L		08/28/15 13:41	08/28/15 19:10	1
Magnesium	23000		5000	330	ug/L		08/28/15 13:41	08/29/15 08:52	10
Potassium	2400		1000	17	ug/L		08/28/15 13:41	08/28/15 19:10	1
Sodium	480	U	1000	480	ug/L		08/28/15 13:41	08/28/15 19:10	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: CC06_082615

Lab Sample ID: 680-116122-2

Matrix: Water

Date Collected: 08/26/15 08:20

Date Received: 08/28/15 09:20

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	30000		200	24	ug/L		08/28/15 13:00	08/28/15 20:56	1
Calcium, Dissolved	370000		5000	250	ug/L		08/28/15 13:00	08/29/15 09:14	10
Iron, Dissolved	100000		50	17	ug/L		08/28/15 13:00	08/28/15 20:56	1
Magnesium, Dissolved	25000		5000	330	ug/L		08/28/15 13:00	08/29/15 09:14	10
Potassium, Dissolved	2600		1000	17	ug/L		08/28/15 13:00	08/28/15 20:56	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/28/15 13:00	08/28/15 20:56	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.4		1.0	0.40	ug/L		08/28/15 13:41	08/28/15 21:55	1
Arsenic	45		5.0	1.9	ug/L		08/28/15 13:41	09/01/15 15:05	5
Barium	7.0		2.0	0.14	ug/L		08/28/15 13:41	08/28/15 21:55	1
Beryllium	8.5		0.40	0.15	ug/L		08/28/15 13:41	08/28/15 21:55	1
Cadmium	55		0.50	0.043	ug/L		08/28/15 13:41	08/28/15 21:55	1
Chromium	4.1		2.0	1.0	ug/L		08/28/15 13:41	08/28/15 21:55	1
Cobalt	110		0.40	0.12	ug/L		08/28/15 13:41	08/28/15 21:55	1
Copper	5800	E	1.0	0.50	ug/L		08/28/15 13:41	08/28/15 21:55	1
Lead	36		0.30	0.060	ug/L		08/28/15 13:41	08/28/15 21:55	1
Manganese	34000	E	2.5	1.2	ug/L		08/28/15 13:41	08/28/15 21:55	1
Molybdenum	3.3		1.0	0.45	ug/L		08/28/15 13:41	08/28/15 21:55	1
Nickel	65		1.0	0.40	ug/L		08/28/15 13:41	08/28/15 21:55	1
Selenium	6.1	J	10	2.9	ug/L		08/28/15 13:41	09/01/15 15:05	5
Silver	0.10	U	1.0	0.10	ug/L		08/28/15 13:41	08/28/15 21:55	1
Thallium	0.33		0.20	0.10	ug/L		08/28/15 13:41	08/28/15 21:55	1
Vanadium	26	B	1.0	0.30	ug/L		08/28/15 13:41	08/28/15 21:55	1
Zinc	25000	E	20	2.8	ug/L		08/28/15 13:41	08/28/15 21:55	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.53	J	1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:26	1
Arsenic, Dissolved	4.4	J	5.0	1.9	ug/L		08/28/15 13:00	09/01/15 15:26	5
Barium, Dissolved	8.2		2.0	0.14	ug/L		08/28/15 13:00	08/28/15 19:26	1
Beryllium, Dissolved	9.2		0.40	0.15	ug/L		08/28/15 13:00	08/28/15 19:26	1
Cadmium, Dissolved	65		0.50	0.043	ug/L		08/28/15 13:00	08/28/15 19:26	1
Chromium, Dissolved	2.5		2.0	1.0	ug/L		08/28/15 13:00	08/28/15 19:26	1
Cobalt, Dissolved	120		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 19:26	1
Copper, Dissolved	6200	E	1.0	0.50	ug/L		08/28/15 13:00	08/28/15 19:26	1
Lead, Dissolved	28		0.30	0.060	ug/L		08/28/15 13:00	08/28/15 19:26	1
Manganese, Dissolved	36000	E	2.5	1.2	ug/L		08/28/15 13:00	08/28/15 19:26	1
Molybdenum, Dissolved	0.65	J	1.0	0.45	ug/L		08/28/15 13:00	08/28/15 19:26	1
Nickel, Dissolved	68		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:26	1
Selenium, Dissolved	2.9	U	10	2.9	ug/L		08/28/15 13:00	09/01/15 15:26	5
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 19:26	1
Thallium, Dissolved	0.49		0.20	0.10	ug/L		08/28/15 13:00	08/28/15 19:26	1
Vanadium, Dissolved	2.0	B	1.0	0.30	ug/L		08/28/15 13:00	08/28/15 19:26	1
Zinc, Dissolved	27000	E B *	20	2.8	ug/L		08/28/15 13:00	08/28/15 19:26	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	950		3.3	3.3	mg/L		08/29/15 10:36		1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: CC06_082615

Lab Sample ID: 680-116122-2

Matrix: Water

Date Collected: 08/26/15 08:20

Date Received: 08/28/15 09:20

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 17:48	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 13:33	08/28/15 19:31	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.08	HF			SU			08/28/15 13:08	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U		5.0	mg/L			08/28/15 13:08	1

Client Sample ID: TP04_082615

Lab Sample ID: 680-116122-3

Matrix: Water

Date Collected: 08/26/15 10:03

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.60		0.50	0.20	mg/L			08/28/15 12:29	1
Nitrate as N	0.023	U	0.050	0.023	mg/L			08/28/15 11:50	1
Fluoride	7.0		0.10	0.040	mg/L			08/28/15 12:29	1
Sulfate	1500		50	20	mg/L			08/28/15 16:51	50

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25000		200	24	ug/L		08/28/15 13:41	08/28/15 19:15	1
Calcium	330000		500	25	ug/L		08/28/15 13:41	08/28/15 19:15	1
Iron	47000		50	17	ug/L		08/28/15 13:41	08/28/15 19:15	1
Magnesium	33000		500	33	ug/L		08/28/15 13:41	08/28/15 19:15	1
Potassium	2000		1000	17	ug/L		08/28/15 13:41	08/28/15 19:15	1
Sodium	16000		1000	480	ug/L		08/28/15 13:41	08/28/15 19:15	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	26000		200	24	ug/L		08/28/15 13:00	08/28/15 21:01	1
Calcium, Dissolved	330000		500	25	ug/L		08/28/15 13:00	08/28/15 21:01	1
Iron, Dissolved	39000		50	17	ug/L		08/28/15 13:00	08/28/15 21:01	1
Magnesium, Dissolved	34000		500	33	ug/L		08/28/15 13:00	08/28/15 21:01	1
Potassium, Dissolved	2100		1000	17	ug/L		08/28/15 13:00	08/28/15 21:01	1
Sodium, Dissolved	17000		1000	480	ug/L		08/28/15 13:00	08/28/15 21:01	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.61	J	1.0	0.40	ug/L		08/28/15 13:41	08/28/15 22:00	1
Arsenic	9.1		5.0	1.9	ug/L		08/28/15 13:41	09/01/15 15:09	5
Barium	8.7		2.0	0.14	ug/L		08/28/15 13:41	08/28/15 22:00	1
Beryllium	5.9		0.40	0.15	ug/L		08/28/15 13:41	08/28/15 22:00	1
Cadmium	59		0.50	0.043	ug/L		08/28/15 13:41	08/28/15 22:00	1
Chromium	1.7	J	2.0	1.0	ug/L		08/28/15 13:41	08/28/15 22:00	1
Cobalt	100		0.40	0.12	ug/L		08/28/15 13:41	08/28/15 22:00	1
Copper	4100	E	1.0	0.50	ug/L		08/28/15 13:41	08/28/15 22:00	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: TP04_082615

Lab Sample ID: 680-116122-3

Matrix: Water

Date Collected: 08/26/15 10:03

Date Received: 08/28/15 09:20

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16		0.30	0.060	ug/L		08/28/15 13:41	08/28/15 22:00	1
Manganese	29000	E	2.5	1.2	ug/L		08/28/15 13:41	08/28/15 22:00	1
Molybdenum	0.93	J	1.0	0.45	ug/L		08/28/15 13:41	08/28/15 22:00	1
Nickel	59		1.0	0.40	ug/L		08/28/15 13:41	08/28/15 22:00	1
Selenium	5.5	J	10	2.9	ug/L		08/28/15 13:41	09/01/15 15:09	5
Silver	0.10	U	1.0	0.10	ug/L		08/28/15 13:41	08/28/15 22:00	1
Thallium	0.24		0.20	0.10	ug/L		08/28/15 13:41	08/28/15 22:00	1
Vanadium	5.6	B	1.0	0.30	ug/L		08/28/15 13:41	08/28/15 22:00	1
Zinc	20000	E	20	2.8	ug/L		08/28/15 13:41	08/28/15 22:00	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:32	1
Arsenic, Dissolved	1.9	U	5.0	1.9	ug/L		08/28/15 13:00	09/01/15 15:30	5
Barium, Dissolved	8.9		2.0	0.14	ug/L		08/28/15 13:00	08/28/15 19:32	1
Beryllium, Dissolved	6.1		0.40	0.15	ug/L		08/28/15 13:00	08/28/15 19:32	1
Cadmium, Dissolved	62		0.50	0.043	ug/L		08/28/15 13:00	08/28/15 19:32	1
Chromium, Dissolved	1.1	J	2.0	1.0	ug/L		08/28/15 13:00	08/28/15 19:32	1
Cobalt, Dissolved	100		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 19:32	1
Copper, Dissolved	4000	E	1.0	0.50	ug/L		08/28/15 13:00	08/28/15 19:32	1
Lead, Dissolved	14		0.30	0.060	ug/L		08/28/15 13:00	08/28/15 19:32	1
Manganese, Dissolved	29000	E	2.5	1.2	ug/L		08/28/15 13:00	08/28/15 19:32	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/28/15 13:00	08/28/15 19:32	1
Nickel, Dissolved	58		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:32	1
Selenium, Dissolved	2.9	U	10	2.9	ug/L		08/28/15 13:00	09/01/15 15:30	5
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 19:32	1
Thallium, Dissolved	0.27		0.20	0.10	ug/L		08/28/15 13:00	08/28/15 19:32	1
Vanadium, Dissolved	0.61	J B	1.0	0.30	ug/L		08/28/15 13:00	08/28/15 19:32	1
Zinc, Dissolved	20000	E B *	20	2.8	ug/L		08/28/15 13:00	08/28/15 19:32	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	950		3.3	3.3	mg/L			08/29/15 10:36	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 17:51	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 13:33	08/28/15 19:34	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.41	HF		SU				08/28/15 13:12	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/28/15 13:12	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: A68_082615

Lab Sample ID: 680-116122-4

Matrix: Water

Date Collected: 08/26/15 12:30

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.51		0.50	0.20	mg/L			08/28/15 12:44	1
Nitrate as N	0.054		0.050	0.023	mg/L			08/28/15 12:20	1
Fluoride	0.53		0.10	0.040	mg/L			08/28/15 12:44	1
Sulfate	100		5.0	2.0	mg/L			08/28/15 17:06	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	95	J	200	24	ug/L			08/28/15 13:41	1
Calcium	50000		500	25	ug/L			08/28/15 13:41	1
Iron	170		50	17	ug/L			08/28/15 13:41	1
Magnesium	3000		500	33	ug/L			08/28/15 13:41	1
Potassium	640	J	1000	17	ug/L			08/28/15 13:41	1
Sodium	2100		1000	480	ug/L			08/28/15 13:41	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	58	J	200	24	ug/L			08/28/15 13:00	1
Calcium, Dissolved	51000		500	25	ug/L			08/28/15 13:00	1
Iron, Dissolved	18	J	50	17	ug/L			08/28/15 13:00	1
Magnesium, Dissolved	3000		500	33	ug/L			08/28/15 13:00	1
Potassium, Dissolved	640	J	1000	17	ug/L			08/28/15 13:00	1
Sodium, Dissolved	2100		1000	480	ug/L			08/28/15 13:00	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L			08/28/15 13:41	1
Arsenic	0.37	U	1.0	0.37	ug/L			08/28/15 13:41	1
Barium	24		2.0	0.14	ug/L			08/28/15 13:41	1
Beryllium	0.15	U	0.40	0.15	ug/L			08/28/15 13:41	1
Cadmium	1.0		0.50	0.043	ug/L			08/28/15 13:41	1
Chromium	1.0	U	2.0	1.0	ug/L			08/28/15 13:41	1
Cobalt	0.54		0.40	0.12	ug/L			08/28/15 13:41	1
Copper	4.3		1.0	0.50	ug/L			08/28/15 13:41	1
Lead	1.8		0.30	0.060	ug/L			08/28/15 13:41	1
Manganese	1100		2.5	1.2	ug/L			08/28/15 13:41	1
Molybdenum	1.7		1.0	0.45	ug/L			08/28/15 13:41	1
Nickel	2.1		1.0	0.40	ug/L			08/28/15 13:41	1
Selenium	0.58	U	2.0	0.58	ug/L			08/28/15 13:41	1
Silver	0.10	U	1.0	0.10	ug/L			08/28/15 13:41	1
Thallium	0.10	U	0.20	0.10	ug/L			08/28/15 13:41	1
Vanadium	0.90	J B	1.0	0.30	ug/L			08/28/15 13:41	1
Zinc	300		20	2.8	ug/L			08/28/15 13:41	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L			08/28/15 13:00	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L			08/28/15 13:00	1
Barium, Dissolved	24		2.0	0.14	ug/L			08/28/15 13:00	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L			08/28/15 13:00	1
Cadmium, Dissolved	1.0		0.50	0.043	ug/L			08/28/15 13:00	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: A68_082615

Lab Sample ID: 680-116122-4

Matrix: Water

Date Collected: 08/26/15 12:30

Date Received: 08/28/15 09:20

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/28/15 13:00	08/28/15 19:37	1
Cobalt, Dissolved	0.60		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 19:37	1
Copper, Dissolved	2.7		1.0	0.50	ug/L		08/28/15 13:00	08/28/15 19:37	1
Lead, Dissolved	0.070 J		0.30	0.060	ug/L		08/28/15 13:00	08/28/15 19:37	1
Manganese, Dissolved	1100		2.5	1.2	ug/L		08/28/15 13:00	08/28/15 19:37	1
Molybdenum, Dissolved	1.7		1.0	0.45	ug/L		08/28/15 13:00	08/28/15 19:37	1
Nickel, Dissolved	1.9		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:37	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/28/15 13:00	08/28/15 19:37	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 19:37	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/28/15 13:00	08/28/15 19:37	1
Vanadium, Dissolved	0.78 J B		1.0	0.30	ug/L		08/28/15 13:00	08/28/15 19:37	1
Zinc, Dissolved	290 B *		20	2.8	ug/L		08/28/15 13:00	08/28/15 19:37	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	140			3.3	mg/L			08/29/15 10:36	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 18:33	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 13:33	08/28/15 19:37	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.54	HF			SU			08/28/15 13:19	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	33		5.0	5.0	mg/L			08/28/15 13:19	1

Client Sample ID: A72_082615

Lab Sample ID: 680-116122-5

Matrix: Water

Date Collected: 08/26/15 13:45

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.85		0.50	0.20	mg/L			08/28/15 13:00	1
Nitrate as N	0.059		0.050	0.023	mg/L			08/28/15 13:22	1
Fluoride	0.55		0.10	0.040	mg/L			08/28/15 13:00	1
Sulfate	200		5.0	2.0	mg/L			08/28/15 17:22	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1900		200	24	ug/L		08/28/15 13:41	08/28/15 19:19	1
Calcium	74000		500	25	ug/L		08/28/15 13:41	08/28/15 19:19	1
Iron	3100		50	17	ug/L		08/28/15 13:41	08/28/15 19:19	1
Magnesium	5100		500	33	ug/L		08/28/15 13:41	08/28/15 19:19	1
Potassium	860 J		1000	17	ug/L		08/28/15 13:41	08/28/15 19:19	1
Sodium	2900		1000	480	ug/L		08/28/15 13:41	08/28/15 19:19	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: A72_082615

Lab Sample ID: 680-116122-5

Matrix: Water

Date Collected: 08/26/15 13:45

Date Received: 08/28/15 09:20

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	150	J	200	24	ug/L		08/28/15 13:00	08/28/15 21:10	1
Calcium, Dissolved	74000		500	25	ug/L		08/28/15 13:00	08/28/15 21:10	1
Iron, Dissolved	750		50	17	ug/L		08/28/15 13:00	08/28/15 21:10	1
Magnesium, Dissolved	5100		500	33	ug/L		08/28/15 13:00	08/28/15 21:10	1
Potassium, Dissolved	870	J	1000	17	ug/L		08/28/15 13:00	08/28/15 21:10	1
Sodium, Dissolved	2900		1000	480	ug/L		08/28/15 13:00	08/28/15 21:10	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/28/15 13:41	08/28/15 22:05	1
Arsenic	1.2		1.0	0.37	ug/L		08/28/15 13:41	08/28/15 22:05	1
Barium	24		2.0	0.14	ug/L		08/28/15 13:41	08/28/15 22:05	1
Beryllium	0.28	J	0.40	0.15	ug/L		08/28/15 13:41	08/28/15 22:05	1
Cadmium	2.0		0.50	0.043	ug/L		08/28/15 13:41	08/28/15 22:05	1
Chromium	1.0	U	2.0	1.0	ug/L		08/28/15 13:41	08/28/15 22:05	1
Cobalt	6.2		0.40	0.12	ug/L		08/28/15 13:41	08/28/15 22:05	1
Copper	60		1.0	0.50	ug/L		08/28/15 13:41	08/28/15 22:05	1
Lead	5.9		0.30	0.060	ug/L		08/28/15 13:41	08/28/15 22:05	1
Manganese	1400		2.5	1.2	ug/L		08/28/15 13:41	08/28/15 22:05	1
Molybdenum	0.89	J	1.0	0.45	ug/L		08/28/15 13:41	08/28/15 22:05	1
Nickel	5.7		1.0	0.40	ug/L		08/28/15 13:41	08/28/15 22:05	1
Selenium	0.58	U	2.0	0.58	ug/L		08/28/15 13:41	08/28/15 22:05	1
Silver	0.10	U	1.0	0.10	ug/L		08/28/15 13:41	08/28/15 22:05	1
Thallium	0.10	U	0.20	0.10	ug/L		08/28/15 13:41	08/28/15 22:05	1
Vanadium	1.3	B	1.0	0.30	ug/L		08/28/15 13:41	08/28/15 22:05	1
Zinc	710		20	2.8	ug/L		08/28/15 13:41	08/28/15 22:05	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:42	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/28/15 13:00	08/28/15 19:42	1
Barium, Dissolved	24		2.0	0.14	ug/L		08/28/15 13:00	08/28/15 19:42	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/28/15 13:00	08/28/15 19:42	1
Cadmium, Dissolved	2.0		0.50	0.043	ug/L		08/28/15 13:00	08/28/15 19:42	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/28/15 13:00	08/28/15 19:42	1
Cobalt, Dissolved	6.0		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 19:42	1
Copper, Dissolved	17		1.0	0.50	ug/L		08/28/15 13:00	08/28/15 19:42	1
Lead, Dissolved	0.45		0.30	0.060	ug/L		08/28/15 13:00	08/28/15 19:42	1
Manganese, Dissolved	1400		2.5	1.2	ug/L		08/28/15 13:00	08/28/15 19:42	1
Molybdenum, Dissolved	0.60	J	1.0	0.45	ug/L		08/28/15 13:00	08/28/15 19:42	1
Nickel, Dissolved	6.0		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:42	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/28/15 13:00	08/28/15 19:42	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 19:42	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/28/15 13:00	08/28/15 19:42	1
Vanadium, Dissolved	0.83	J B	1.0	0.30	ug/L		08/28/15 13:00	08/28/15 19:42	1
Zinc, Dissolved	690	B *	20	2.8	ug/L		08/28/15 13:00	08/28/15 19:42	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	210		3.3	3.3	mg/L		08/29/15 10:36		1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: A72_082615

Lab Sample ID: 680-116122-5

Matrix: Water

Date Collected: 08/26/15 13:45

Date Received: 08/28/15 09:20

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 17:54	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 13:33	08/28/15 19:40	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.60	HF			SU			08/28/15 13:26	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	6.1		5.0	5.0	mg/L			08/28/15 13:26	1

Client Sample ID: GKMSW02_082615

Lab Sample ID: 680-116122-6

Matrix: Water

Date Collected: 08/26/15 11:10

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.93		0.50	0.20	mg/L			08/28/15 13:15	1
Nitrate as N	0.060		0.050	0.023	mg/L			08/28/15 12:05	1
Fluoride	0.38		0.10	0.040	mg/L			08/28/15 13:15	1
Sulfate	120		5.0	2.0	mg/L			08/28/15 19:40	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	630		200	24	ug/L		08/28/15 13:41	08/28/15 19:24	1
Calcium	52000		500	25	ug/L		08/28/15 13:41	08/28/15 19:24	1
Iron	890		50	17	ug/L		08/28/15 13:41	08/28/15 19:24	1
Magnesium	5100		500	33	ug/L		08/28/15 13:41	08/28/15 19:24	1
Potassium	900 J		1000	17	ug/L		08/28/15 13:41	08/28/15 19:24	1
Sodium	2500		1000	480	ug/L		08/28/15 13:41	08/28/15 19:24	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	60 J		200	24	ug/L		08/28/15 13:00	08/28/15 21:14	1
Calcium, Dissolved	52000		500	25	ug/L		08/28/15 13:00	08/28/15 21:14	1
Iron, Dissolved	26 J		50	17	ug/L		08/28/15 13:00	08/28/15 21:14	1
Magnesium, Dissolved	5100		500	33	ug/L		08/28/15 13:00	08/28/15 21:14	1
Potassium, Dissolved	910 J		1000	17	ug/L		08/28/15 13:00	08/28/15 21:14	1
Sodium, Dissolved	2600		1000	480	ug/L		08/28/15 13:00	08/28/15 21:14	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/28/15 13:41	08/28/15 22:10	1
Arsenic	0.72 J		1.0	0.37	ug/L		08/28/15 13:41	08/28/15 22:10	1
Barium	34		2.0	0.14	ug/L		08/28/15 13:41	08/28/15 22:10	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/28/15 13:41	08/28/15 22:10	1
Cadmium	0.90		0.50	0.043	ug/L		08/28/15 13:41	08/28/15 22:10	1
Chromium	1.0	U	2.0	1.0	ug/L		08/28/15 13:41	08/28/15 22:10	1
Cobalt	2.5		0.40	0.12	ug/L		08/28/15 13:41	08/28/15 22:10	1
Copper	18		1.0	0.50	ug/L		08/28/15 13:41	08/28/15 22:10	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: GKMSW02_082615

Lab Sample ID: 680-116122-6

Matrix: Water

Date Collected: 08/26/15 11:10

Date Received: 08/28/15 09:20

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.4		0.30	0.060	ug/L		08/28/15 13:41	08/28/15 22:10	1
Manganese	580		2.5	1.2	ug/L		08/28/15 13:41	08/28/15 22:10	1
Molybdenum	0.61 J		1.0	0.45	ug/L		08/28/15 13:41	08/28/15 22:10	1
Nickel	3.2		1.0	0.40	ug/L		08/28/15 13:41	08/28/15 22:10	1
Selenium	0.58 U		2.0	0.58	ug/L		08/28/15 13:41	08/28/15 22:10	1
Silver	0.10 U		1.0	0.10	ug/L		08/28/15 13:41	08/28/15 22:10	1
Thallium	0.10 U		0.20	0.10	ug/L		08/28/15 13:41	08/28/15 22:10	1
Vanadium	0.95 J B		1.0	0.30	ug/L		08/28/15 13:41	08/28/15 22:10	1
Zinc	280		20	2.8	ug/L		08/28/15 13:41	08/28/15 22:10	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40 U		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:48	1
Arsenic, Dissolved	0.37 U		1.0	0.37	ug/L		08/28/15 13:00	08/28/15 19:48	1
Barium, Dissolved	34		2.0	0.14	ug/L		08/28/15 13:00	08/28/15 19:48	1
Beryllium, Dissolved	0.15 U		0.40	0.15	ug/L		08/28/15 13:00	08/28/15 19:48	1
Cadmium, Dissolved	0.74		0.50	0.043	ug/L		08/28/15 13:00	08/28/15 19:48	1
Chromium, Dissolved	1.0 U		2.0	1.0	ug/L		08/28/15 13:00	08/28/15 19:48	1
Cobalt, Dissolved	2.4		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 19:48	1
Copper, Dissolved	3.2		1.0	0.50	ug/L		08/28/15 13:00	08/28/15 19:48	1
Lead, Dissolved	0.14 J		0.30	0.060	ug/L		08/28/15 13:00	08/28/15 19:48	1
Manganese, Dissolved	570		2.5	1.2	ug/L		08/28/15 13:00	08/28/15 19:48	1
Molybdenum, Dissolved	0.56 J		1.0	0.45	ug/L		08/28/15 13:00	08/28/15 19:48	1
Nickel, Dissolved	3.4		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:48	1
Selenium, Dissolved	0.58 U		2.0	0.58	ug/L		08/28/15 13:00	08/28/15 19:48	1
Silver, Dissolved	0.10 U		1.0	0.10	ug/L		08/28/15 13:00	08/28/15 19:48	1
Thallium, Dissolved	0.10 U		0.20	0.10	ug/L		08/28/15 13:00	08/28/15 19:48	1
Vanadium, Dissolved	0.76 J B		1.0	0.30	ug/L		08/28/15 13:00	08/28/15 19:48	1
Zinc, Dissolved	190 B *		20	2.8	ug/L		08/28/15 13:00	08/28/15 19:48	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	150		3.3	3.3	mg/L			08/29/15 10:36	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080 U		0.20	0.080	ug/L		08/28/15 12:14	08/28/15 17:57	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080 U		0.20	0.080	ug/L		08/28/15 13:33	08/28/15 19:43	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.51	HF		SU				08/28/15 13:45	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	29		5.0	5.0	mg/L			08/28/15 13:45	1

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: A68_082615D

Lab Sample ID: 680-116122-7

Matrix: Water

Date Collected: 08/26/15 12:30

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.51		0.50	0.20	mg/L			08/28/15 13:30	1
Nitrate as N	0.054		0.050	0.023	mg/L			08/28/15 12:36	1
Fluoride	0.46		0.10	0.040	mg/L			08/28/15 13:30	1
Sulfate	100		5.0	2.0	mg/L			08/28/15 19:56	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	96	J	200	24	ug/L			08/28/15 13:41	1
Calcium	51000		500	25	ug/L			08/28/15 13:41	1
Iron	170		50	17	ug/L			08/28/15 13:41	1
Magnesium	3100		500	33	ug/L			08/28/15 13:41	1
Potassium	650	J	1000	17	ug/L			08/28/15 13:41	1
Sodium	2100		1000	480	ug/L			08/28/15 13:41	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	53	J	200	24	ug/L			08/28/15 13:00	1
Calcium, Dissolved	50000		500	25	ug/L			08/28/15 13:00	1
Iron, Dissolved	17	U	50	17	ug/L			08/28/15 13:00	1
Magnesium, Dissolved	3000		500	33	ug/L			08/28/15 13:00	1
Potassium, Dissolved	640	J	1000	17	ug/L			08/28/15 13:00	1
Sodium, Dissolved	2200		1000	480	ug/L			08/28/15 13:00	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L			08/28/15 13:41	1
Arsenic	0.45	J	1.0	0.37	ug/L			08/28/15 13:41	1
Barium	24		2.0	0.14	ug/L			08/28/15 13:41	1
Beryllium	0.15	U	0.40	0.15	ug/L			08/28/15 13:41	1
Cadmium	1.1		0.50	0.043	ug/L			08/28/15 13:41	1
Chromium	1.0	U	2.0	1.0	ug/L			08/28/15 13:41	1
Cobalt	0.54		0.40	0.12	ug/L			08/28/15 13:41	1
Copper	4.3		1.0	0.50	ug/L			08/28/15 13:41	1
Lead	1.7		0.30	0.060	ug/L			08/28/15 13:41	1
Manganese	1100		2.5	1.2	ug/L			08/28/15 13:41	1
Molybdenum	1.7		1.0	0.45	ug/L			08/28/15 13:41	1
Nickel	2.2		1.0	0.40	ug/L			08/28/15 13:41	1
Selenium	0.58	U	2.0	0.58	ug/L			08/28/15 13:41	1
Silver	0.10	U	1.0	0.10	ug/L			08/28/15 13:41	1
Thallium	0.10	U	0.20	0.10	ug/L			08/28/15 13:41	1
Vanadium	0.62	J B	1.0	0.30	ug/L			08/28/15 13:41	1
Zinc	310		20	2.8	ug/L			08/28/15 13:41	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L			08/28/15 13:00	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L			08/28/15 13:00	1
Barium, Dissolved	24		2.0	0.14	ug/L			08/28/15 13:00	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L			08/28/15 13:00	1
Cadmium, Dissolved	1.0		0.50	0.043	ug/L			08/28/15 13:00	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: A68_082615D

Lab Sample ID: 680-116122-7

Matrix: Water

Date Collected: 08/26/15 12:30

Date Received: 08/28/15 09:20

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/28/15 13:00	08/28/15 19:53	1
Cobalt, Dissolved	1.3		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 19:53	1
Copper, Dissolved	2.5		1.0	0.50	ug/L		08/28/15 13:00	08/28/15 19:53	1
Lead, Dissolved	0.074 J		0.30	0.060	ug/L		08/28/15 13:00	08/28/15 19:53	1
Manganese, Dissolved	1100		2.5	1.2	ug/L		08/28/15 13:00	08/28/15 19:53	1
Molybdenum, Dissolved	1.7		1.0	0.45	ug/L		08/28/15 13:00	08/28/15 19:53	1
Nickel, Dissolved	1.9		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:53	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/28/15 13:00	08/28/15 19:53	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 19:53	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/28/15 13:00	08/28/15 19:53	1
Vanadium, Dissolved	0.78 J B		1.0	0.30	ug/L		08/28/15 13:00	08/28/15 19:53	1
Zinc, Dissolved	290 B *		20	2.8	ug/L		08/28/15 13:00	08/28/15 19:53	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	140			3.3	mg/L			08/29/15 10:36	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 18:00	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 13:33	08/28/15 19:46	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.58	HF			SU			08/28/15 13:52	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	34		5.0	5.0	mg/L			08/28/15 13:52	1

Client Sample ID: CC48_082615

Lab Sample ID: 680-116122-8

Matrix: Water

Date Collected: 08/26/15 13:10

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.27 J		0.50	0.20	mg/L			08/28/15 15:34	1
Nitrate as N	0.027 J		0.050	0.023	mg/L			08/28/15 13:53	1
Fluoride	2.0		0.10	0.040	mg/L			08/28/15 15:34	1
Sulfate	670		25	10	mg/L			08/28/15 21:28	25

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7900		200	24	ug/L		08/28/15 13:41	08/28/15 19:41	1
Calcium	180000		500	25	ug/L		08/28/15 13:41	08/28/15 19:41	1
Iron	14000		50	17	ug/L		08/28/15 13:41	08/28/15 19:41	1
Magnesium	11000		500	33	ug/L		08/28/15 13:41	08/28/15 19:41	1
Potassium	2000		1000	17	ug/L		08/28/15 13:41	08/28/15 19:41	1
Sodium	4200		1000	480	ug/L		08/28/15 13:41	08/28/15 19:41	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: CC48_082615

Lab Sample ID: 680-116122-8

Matrix: Water

Date Collected: 08/26/15 13:10

Date Received: 08/28/15 09:20

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	7700		200	24	ug/L		08/28/15 13:00	08/28/15 21:32	1
Calcium, Dissolved	180000		500	25	ug/L		08/28/15 13:00	08/28/15 21:32	1
Iron, Dissolved	6700		50	17	ug/L		08/28/15 13:00	08/28/15 21:32	1
Magnesium, Dissolved	11000		500	33	ug/L		08/28/15 13:00	08/28/15 21:32	1
Potassium, Dissolved	1900		1000	17	ug/L		08/28/15 13:00	08/28/15 21:32	1
Sodium, Dissolved	4200		1000	480	ug/L		08/28/15 13:00	08/28/15 21:32	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/28/15 13:41	08/28/15 22:21	1
Arsenic	4.7		1.0	0.37	ug/L		08/28/15 13:41	08/28/15 22:21	1
Barium	17		2.0	0.14	ug/L		08/28/15 13:41	08/28/15 22:21	1
Beryllium	1.3		0.40	0.15	ug/L		08/28/15 13:41	08/28/15 22:21	1
Cadmium	8.9		0.50	0.043	ug/L		08/28/15 13:41	08/28/15 22:21	1
Chromium	1.0	U	2.0	1.0	ug/L		08/28/15 13:41	08/28/15 22:21	1
Cobalt	28		0.40	0.12	ug/L		08/28/15 13:41	08/28/15 22:21	1
Copper	400		1.0	0.50	ug/L		08/28/15 13:41	08/28/15 22:21	1
Lead	32		0.30	0.060	ug/L		08/28/15 13:41	08/28/15 22:21	1
Manganese	6200	E	2.5	1.2	ug/L		08/28/15 13:41	08/28/15 22:21	1
Molybdenum	0.58	J	1.0	0.45	ug/L		08/28/15 13:41	08/28/15 22:21	1
Nickel	21		1.0	0.40	ug/L		08/28/15 13:41	08/28/15 22:21	1
Selenium	0.58	U	2.0	0.58	ug/L		08/28/15 13:41	08/28/15 22:21	1
Silver	0.10	U	1.0	0.10	ug/L		08/28/15 13:41	08/28/15 22:21	1
Thallium	0.22		0.20	0.10	ug/L		08/28/15 13:41	08/28/15 22:21	1
Vanadium	3.8	B	1.0	0.30	ug/L		08/28/15 13:41	08/28/15 22:21	1
Zinc	3400		20	2.8	ug/L		08/28/15 13:41	08/28/15 22:21	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:58	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/28/15 13:00	08/28/15 19:58	1
Barium, Dissolved	14		2.0	0.14	ug/L		08/28/15 13:00	08/28/15 19:58	1
Beryllium, Dissolved	1.4		0.40	0.15	ug/L		08/28/15 13:00	08/28/15 19:58	1
Cadmium, Dissolved	9.0		0.50	0.043	ug/L		08/28/15 13:00	08/28/15 19:58	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/28/15 13:00	08/28/15 19:58	1
Cobalt, Dissolved	29		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 19:58	1
Copper, Dissolved	400		1.0	0.50	ug/L		08/28/15 13:00	08/28/15 19:58	1
Lead, Dissolved	19		0.30	0.060	ug/L		08/28/15 13:00	08/28/15 19:58	1
Manganese, Dissolved	6300	E	2.5	1.2	ug/L		08/28/15 13:00	08/28/15 19:58	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/28/15 13:00	08/28/15 19:58	1
Nickel, Dissolved	21		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 19:58	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/28/15 13:00	08/28/15 19:58	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 19:58	1
Thallium, Dissolved	0.20		0.20	0.10	ug/L		08/28/15 13:00	08/28/15 19:58	1
Vanadium, Dissolved	0.58	J B	1.0	0.30	ug/L		08/28/15 13:00	08/28/15 19:58	1
Zinc, Dissolved	3400	B *	20	2.8	ug/L		08/28/15 13:00	08/28/15 19:58	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	500		3.3	3.3	mg/L		08/29/15 10:36		1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: CC48_082615

Lab Sample ID: 680-116122-8

Matrix: Water

Date Collected: 08/26/15 13:10

Date Received: 08/28/15 09:20

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 18:03	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 13:33	08/28/15 19:49	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.34	HF			SU			08/28/15 13:56	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U		5.0	mg/L			08/28/15 13:56	1

Client Sample ID: GKMSW01_082715

Lab Sample ID: 680-116122-9

Matrix: Water

Date Collected: 08/27/15 08:45

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		0.50	0.20	mg/L			08/28/15 15:49	1
Nitrate as N	0.070		0.050	0.023	mg/L			08/28/15 14:08	1
Fluoride	0.36		0.10	0.040	mg/L			08/28/15 15:49	1
Sulfate	120		5.0	2.0	mg/L			08/28/15 21:43	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	540		200	24	ug/L		08/28/15 13:41	08/28/15 18:17	1
Calcium	84000		500	25	ug/L		08/28/15 13:41	08/28/15 18:17	1
Iron	990	F1	50	17	ug/L		08/28/15 13:41	08/28/15 18:17	1
Magnesium	12000		500	33	ug/L		08/28/15 13:41	08/28/15 18:17	1
Potassium	4100		1000	17	ug/L		08/28/15 13:41	08/28/15 18:17	1
Sodium	23000		1000	480	ug/L		08/28/15 13:41	08/28/15 18:17	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/28/15 13:00	08/28/15 20:08	1
Calcium, Dissolved	82000		500	25	ug/L		08/28/15 13:00	08/28/15 20:08	1
Iron, Dissolved	17	U F1	50	17	ug/L		08/28/15 13:00	08/28/15 20:08	1
Magnesium, Dissolved	12000		500	33	ug/L		08/28/15 13:00	08/28/15 20:08	1
Potassium, Dissolved	3900		1000	17	ug/L		08/28/15 13:00	08/28/15 20:08	1
Sodium, Dissolved	23000		1000	480	ug/L		08/28/15 13:00	08/28/15 20:08	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/28/15 13:41	08/28/15 20:51	1
Arsenic	1.3		1.0	0.37	ug/L		08/28/15 13:41	08/28/15 20:51	1
Barium	65		2.0	0.14	ug/L		08/28/15 13:41	08/28/15 20:51	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/28/15 13:41	08/28/15 20:51	1
Cadmium	0.22	J	0.50	0.043	ug/L		08/28/15 13:41	08/28/15 20:51	1
Chromium	1.0	U	2.0	1.0	ug/L		08/28/15 13:41	08/28/15 20:51	1
Cobalt	0.53		0.40	0.12	ug/L		08/28/15 13:41	08/28/15 20:51	1
Copper	3.5		1.0	0.50	ug/L		08/28/15 13:41	08/28/15 20:51	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: GKMSW01_082715

Lab Sample ID: 680-116122-9

Matrix: Water

Date Collected: 08/27/15 08:45

Date Received: 08/28/15 09:20

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.9		0.30	0.060	ug/L		08/28/15 13:41	08/28/15 20:51	1
Manganese	99		2.5	1.2	ug/L		08/28/15 13:41	08/28/15 20:51	1
Molybdenum	1.3		1.0	0.45	ug/L		08/28/15 13:41	08/28/15 20:51	1
Nickel	3.2		1.0	0.40	ug/L		08/28/15 13:41	08/28/15 20:51	1
Selenium	0.58	U	2.0	0.58	ug/L		08/28/15 13:41	08/28/15 20:51	1
Silver	0.10	U	1.0	0.10	ug/L		08/28/15 13:41	08/28/15 20:51	1
Thallium	0.10	U	0.20	0.10	ug/L		08/28/15 13:41	08/28/15 20:51	1
Vanadium	2.4	B	1.0	0.30	ug/L		08/28/15 13:41	08/28/15 20:51	1
Zinc	51	F1	20	2.8	ug/L		08/28/15 13:41	08/28/15 20:51	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/28/15 13:00	08/28/15 18:28	1
Arsenic, Dissolved	0.51	J	1.0	0.37	ug/L		08/28/15 13:00	08/28/15 18:28	1
Barium, Dissolved	59		2.0	0.14	ug/L		08/28/15 13:00	08/28/15 18:28	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/28/15 13:00	08/28/15 18:28	1
Cadmium, Dissolved	0.060	J	0.50	0.043	ug/L		08/28/15 13:00	08/28/15 18:28	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/28/15 13:00	08/28/15 18:28	1
Cobalt, Dissolved	1.0		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 18:28	1
Copper, Dissolved	0.77	J	1.0	0.50	ug/L		08/28/15 13:00	08/28/15 18:28	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/28/15 13:00	08/28/15 18:28	1
Manganese, Dissolved	41	F1	2.5	1.2	ug/L		08/28/15 13:00	08/28/15 18:28	1
Molybdenum, Dissolved	1.2		1.0	0.45	ug/L		08/28/15 13:00	08/28/15 18:28	1
Nickel, Dissolved	2.2		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 18:28	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/28/15 13:00	08/28/15 18:28	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 18:28	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/28/15 13:00	08/28/15 18:28	1
Vanadium, Dissolved	0.96	J B	1.0	0.30	ug/L		08/28/15 13:00	08/28/15 18:28	1
Zinc, Dissolved	23	B * F1	20	2.8	ug/L		08/28/15 13:00	08/28/15 18:28	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	260		3.3	3.3	mg/L			08/29/15 10:36	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 18:12	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 13:33	08/28/15 19:10	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.06	HF		SU				08/28/15 14:03	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	130		5.0	5.0	mg/L			08/28/15 14:03	1

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: GKMSW04_082715

Lab Sample ID: 680-116122-10

Matrix: Water

Date Collected: 08/27/15 09:40

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		0.50	0.20	mg/L			08/28/15 15:03	1
Nitrate as N	0.047 J		0.050	0.023	mg/L			08/28/15 15:10	1
Fluoride	0.37		0.10	0.040	mg/L			08/28/15 15:03	1
Sulfate	120		5.0	2.0	mg/L			08/28/15 22:45	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	130 J		200	24	ug/L			08/28/15 13:41	1
Calcium	89000		500	25	ug/L			08/28/15 13:41	1
Iron	330		50	17	ug/L			08/28/15 13:41	1
Magnesium	12000		500	33	ug/L			08/28/15 13:41	1
Potassium	4100		1000	17	ug/L			08/28/15 13:41	1
Sodium	24000		1000	480	ug/L			08/28/15 13:41	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24 U		200	24	ug/L			08/28/15 13:00	1
Calcium, Dissolved	84000		500	25	ug/L			08/28/15 13:00	1
Iron, Dissolved	17 U		50	17	ug/L			08/28/15 13:00	1
Magnesium, Dissolved	11000		500	33	ug/L			08/28/15 13:00	1
Potassium, Dissolved	4000		1000	17	ug/L			08/28/15 13:00	1
Sodium, Dissolved	24000		1000	480	ug/L			08/28/15 13:00	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40 U		1.0	0.40	ug/L			08/28/15 13:41	1
Arsenic	1.1		1.0	0.37	ug/L			08/28/15 13:41	1
Barium	60		2.0	0.14	ug/L			08/28/15 13:41	1
Beryllium	0.15 U		0.40	0.15	ug/L			08/28/15 13:41	1
Cadmium	0.20 J		0.50	0.043	ug/L			08/28/15 13:41	1
Chromium	1.0 U		2.0	1.0	ug/L			08/28/15 13:41	1
Cobalt	0.36 J		0.40	0.12	ug/L			08/28/15 13:41	1
Copper	2.5		1.0	0.50	ug/L			08/28/15 13:41	1
Lead	3.3		0.30	0.060	ug/L			08/28/15 13:41	1
Manganese	120		2.5	1.2	ug/L			08/28/15 13:41	1
Molybdenum	1.1		1.0	0.45	ug/L			08/28/15 13:41	1
Nickel	2.8		1.0	0.40	ug/L			08/28/15 13:41	1
Selenium	0.58 U		2.0	0.58	ug/L			08/28/15 13:41	1
Silver	0.10 U		1.0	0.10	ug/L			08/28/15 13:41	1
Thallium	0.10 U		0.20	0.10	ug/L			08/28/15 13:41	1
Vanadium	1.0 B		1.0	0.30	ug/L			08/28/15 13:41	1
Zinc	58		20	2.8	ug/L			08/28/15 13:41	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40 U		1.0	0.40	ug/L			08/28/15 13:00	1
Arsenic, Dissolved	0.65 J		1.0	0.37	ug/L			08/28/15 13:00	1
Barium, Dissolved	58		2.0	0.14	ug/L			08/28/15 13:00	1
Beryllium, Dissolved	0.15 U		0.40	0.15	ug/L			08/28/15 13:00	1
Cadmium, Dissolved	0.19 J		0.50	0.043	ug/L			08/28/15 13:00	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: GKMSW04_082715

Lab Sample ID: 680-116122-10

Matrix: Water

Date Collected: 08/27/15 09:40

Date Received: 08/28/15 09:20

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/28/15 13:00	08/28/15 20:03	1
Cobalt, Dissolved	1.2		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 20:03	1
Copper, Dissolved	0.83	J	1.0	0.50	ug/L		08/28/15 13:00	08/28/15 20:03	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/28/15 13:00	08/28/15 20:03	1
Manganese, Dissolved	100		2.5	1.2	ug/L		08/28/15 13:00	08/28/15 20:03	1
Molybdenum, Dissolved	1.1		1.0	0.45	ug/L		08/28/15 13:00	08/28/15 20:03	1
Nickel, Dissolved	2.7		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 20:03	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/28/15 13:00	08/28/15 20:03	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 20:03	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/28/15 13:00	08/28/15 20:03	1
Vanadium, Dissolved	1.0	B	1.0	0.30	ug/L		08/28/15 13:00	08/28/15 20:03	1
Zinc, Dissolved	47	B *	20	2.8	ug/L		08/28/15 13:00	08/28/15 20:03	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	270			3.3	mg/L			08/29/15 10:36	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 18:24	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 13:33	08/28/15 19:52	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.90	HF			SU			08/28/15 14:18	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	120		5.0	5.0	mg/L			08/28/15 14:18	1

Client Sample ID: GKMSW05_082715

Lab Sample ID: 680-116122-11

Matrix: Water

Date Collected: 08/27/15 09:10

Date Received: 08/28/15 09:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		0.50	0.20	mg/L			08/28/15 15:18	1
Nitrate as N	0.048	J	0.050	0.023	mg/L			08/28/15 15:25	1
Fluoride	0.35		0.10	0.040	mg/L			08/28/15 15:18	1
Sulfate	120		5.0	2.0	mg/L			08/28/15 23:00	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	150	J	200	24	ug/L		08/28/15 13:41	08/28/15 19:50	1
Calcium	82000		500	25	ug/L		08/28/15 13:41	08/28/15 19:50	1
Iron	340		50	17	ug/L		08/28/15 13:41	08/28/15 19:50	1
Magnesium	11000		500	33	ug/L		08/28/15 13:41	08/28/15 19:50	1
Potassium	3800		1000	17	ug/L		08/28/15 13:41	08/28/15 19:50	1
Sodium	22000		1000	480	ug/L		08/28/15 13:41	08/28/15 19:50	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: GKMSW05_082715

Lab Sample ID: 680-116122-11

Matrix: Water

Date Collected: 08/27/15 09:10

Date Received: 08/28/15 09:20

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/28/15 13:00	08/28/15 21:41	1
Calcium, Dissolved	83000		500	25	ug/L		08/28/15 13:00	08/28/15 21:41	1
Iron, Dissolved	17	U	50	17	ug/L		08/28/15 13:00	08/28/15 21:41	1
Magnesium, Dissolved	11000		500	33	ug/L		08/28/15 13:00	08/28/15 21:41	1
Potassium, Dissolved	3900		1000	17	ug/L		08/28/15 13:00	08/28/15 21:41	1
Sodium, Dissolved	23000		1000	480	ug/L		08/28/15 13:00	08/28/15 21:41	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/28/15 13:41	08/28/15 22:42	1
Arsenic	1.1		1.0	0.37	ug/L		08/28/15 13:41	08/28/15 22:42	1
Barium	61		2.0	0.14	ug/L		08/28/15 13:41	08/28/15 22:42	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/28/15 13:41	08/28/15 22:42	1
Cadmium	0.19 J		0.50	0.043	ug/L		08/28/15 13:41	08/28/15 22:42	1
Chromium	1.0	U	2.0	1.0	ug/L		08/28/15 13:41	08/28/15 22:42	1
Cobalt	0.31 J		0.40	0.12	ug/L		08/28/15 13:41	08/28/15 22:42	1
Copper	2.3		1.0	0.50	ug/L		08/28/15 13:41	08/28/15 22:42	1
Lead	3.1		0.30	0.060	ug/L		08/28/15 13:41	08/28/15 22:42	1
Manganese	85		2.5	1.2	ug/L		08/28/15 13:41	08/28/15 22:42	1
Molybdenum	1.1		1.0	0.45	ug/L		08/28/15 13:41	08/28/15 22:42	1
Nickel	2.6		1.0	0.40	ug/L		08/28/15 13:41	08/28/15 22:42	1
Selenium	0.58	U	2.0	0.58	ug/L		08/28/15 13:41	08/28/15 22:42	1
Silver	0.10	U	1.0	0.10	ug/L		08/28/15 13:41	08/28/15 22:42	1
Thallium	0.10	U	0.20	0.10	ug/L		08/28/15 13:41	08/28/15 22:42	1
Vanadium	1.2 B		1.0	0.30	ug/L		08/28/15 13:41	08/28/15 22:42	1
Zinc	45		20	2.8	ug/L		08/28/15 13:41	08/28/15 22:42	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/28/15 13:00	08/28/15 20:19	1
Arsenic, Dissolved	0.73 J		1.0	0.37	ug/L		08/28/15 13:00	08/28/15 20:19	1
Barium, Dissolved	59		2.0	0.14	ug/L		08/28/15 13:00	08/28/15 20:19	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/28/15 13:00	08/28/15 20:19	1
Cadmium, Dissolved	0.14 J		0.50	0.043	ug/L		08/28/15 13:00	08/28/15 20:19	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/28/15 13:00	08/28/15 20:19	1
Cobalt, Dissolved	1.1		0.40	0.12	ug/L		08/28/15 13:00	08/28/15 20:19	1
Copper, Dissolved	0.75 J		1.0	0.50	ug/L		08/28/15 13:00	08/28/15 20:19	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/28/15 13:00	08/28/15 20:19	1
Manganese, Dissolved	64		2.5	1.2	ug/L		08/28/15 13:00	08/28/15 20:19	1
Molybdenum, Dissolved	1.1		1.0	0.45	ug/L		08/28/15 13:00	08/28/15 20:19	1
Nickel, Dissolved	2.6		1.0	0.40	ug/L		08/28/15 13:00	08/28/15 20:19	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/28/15 13:00	08/28/15 20:19	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 20:19	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/28/15 13:00	08/28/15 20:19	1
Vanadium, Dissolved	0.92 J B		1.0	0.30	ug/L		08/28/15 13:00	08/28/15 20:19	1
Zinc, Dissolved	32 B *		20	2.8	ug/L		08/28/15 13:00	08/28/15 20:19	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	250		3.3	3.3	mg/L		08/29/15 10:36		1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: GKMSW05_082715

Lab Sample ID: 680-116122-11

Matrix: Water

Date Collected: 08/27/15 09:10

Date Received: 08/28/15 09:20

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 18:27	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 13:33	08/28/15 20:01	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.04	HF			SU			08/28/15 14:25	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	110		5.0	5.0	mg/L			08/28/15 14:25	1

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-398599/2

Matrix: Water

Analysis Batch: 398599

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.023	U	0.050	0.023	mg/L	-	-	08/28/15 09:15	1

Lab Sample ID: LCS 680-398599/3

Matrix: Water

Analysis Batch: 398599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Nitrate as N	0.999	1.04	-	mg/L	-	104	90 - 110

Lab Sample ID: LCSD 680-398599/4

Matrix: Water

Analysis Batch: 398599

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec.	Limits	RPD	RPD Limit
Nitrate as N	0.999	1.04	-	mg/L	-	104	90 - 110	0	30

Lab Sample ID: 680-116122-9 MS

Matrix: Water

Analysis Batch: 398599

Client Sample ID: GKMSW01_082715
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Nitrate as N	0.070	-	0.999	1.14	-	mg/L	-	108	80 - 120

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398599

Client Sample ID: GKMSW01_082715
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	Limits	RPD	RPD Limit
Nitrate as N	0.070	-	0.999	1.15	-	mg/L	-	108	80 - 120	1	30

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398599

Client Sample ID: GKMSW01_082715
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.070	-	0.0692	-	mg/L	-	0.5	30

Lab Sample ID: MB 680-398616/2

Matrix: Water

Analysis Batch: 398616

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L	-	-	08/28/15 08:33	1
Fluoride	0.040	U	0.10	0.040	mg/L	-	-	08/28/15 08:33	1
Sulfate	0.40	U	1.0	0.40	mg/L	-	-	08/28/15 08:33	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-398616/3

Matrix: Water

Analysis Batch: 398616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.91		mg/L		99	90 - 110
Fluoride	2.00	2.03		mg/L		102	90 - 110
Sulfate	10.0	10.4		mg/L		104	90 - 110

Lab Sample ID: LCSD 680-398616/4

Matrix: Water

Analysis Batch: 398616

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	10.0	9.90		mg/L		99	90 - 110	0	30
Fluoride	2.00	2.04		mg/L		102	90 - 110	1	30
Sulfate	10.0	10.5		mg/L		105	90 - 110	1	30

Lab Sample ID: 680-116122-7 MS

Matrix: Water

Analysis Batch: 398616

Client Sample ID: A68_082615D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	0.51		10.0	10.3		mg/L		98	80 - 120
Fluoride	0.46		2.00	2.44		mg/L		99	80 - 120
Sulfate	100	E	10.0	111	E 4	mg/L		85	80 - 120

Lab Sample ID: 680-116122-7 MSD

Matrix: Water

Analysis Batch: 398616

Client Sample ID: A68_082615D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	0.51		10.0	10.4		mg/L		99	80 - 120	1	30
Fluoride	0.46		2.00	2.45		mg/L		100	80 - 120	1	30
Sulfate	100	E	10.0	112	E 4	mg/L		87	80 - 120	0	30

Lab Sample ID: 680-116122-9 MS

Matrix: Water

Analysis Batch: 398616

Client Sample ID: GKMSW01_082715
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	23		10.0	32.7		mg/L		100	80 - 120
Fluoride	0.36		2.00	2.37		mg/L		101	80 - 120

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398616

Client Sample ID: GKMSW01_082715
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	23		10.0	32.6		mg/L		99	80 - 120	0	30
Fluoride	0.36		2.00	2.35		mg/L		100	80 - 120	1	30

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-116122-7 DU

Matrix: Water

Analysis Batch: 398616

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier						
Chloride	0.51		0.507		mg/L		0.07	30
Fluoride	0.46		0.459		mg/L		0.7	30
Sulfate	100	E	103	E	mg/L		0	30

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398616

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier						
Chloride	23		22.7		mg/L		0.1	30
Fluoride	0.36		0.350		mg/L		2	30
Sulfate	130	E	126	E	mg/L		0.3	30

Lab Sample ID: MB 680-398656/36

Matrix: Water

Analysis Batch: 398656

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Fluoride	0.040	U	0.10	0.040	mg/L			08/28/15 17:52	1
Sulfate	0.40	U	1.0	0.40	mg/L			08/28/15 17:52	1

Lab Sample ID: LCS 680-398656/37

Matrix: Water

Analysis Batch: 398656

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
		Added	Result				
Fluoride	2.00		2.08	mg/L		104	90 - 110
Sulfate	10.0		10.7	mg/L		107	90 - 110

Lab Sample ID: LCSD 680-398656/38

Matrix: Water

Analysis Batch: 398656

Analyte	Spiked	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier						
Fluoride	2.00	2.07		mg/L		104	90 - 110	0	30
Sulfate	10.0	10.7		mg/L		107	90 - 110	0	30

Lab Sample ID: 680-116122-7 MS

Matrix: Water

Analysis Batch: 398656

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier		Added	Result				
Fluoride	0.41	J	10.0	9.97		mg/L		96	80 - 120
Sulfate	100		50.0	145		mg/L		90	80 - 120

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-116122-7 MSD

Matrix: Water

Analysis Batch: 398656

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.41	J	10.0	9.97		mg/L		96	80 - 120	0	30
Sulfate	100		50.0	145		mg/L		89	80 - 120	0	30

Lab Sample ID: 680-116122-9 MS

Matrix: Water

Analysis Batch: 398656

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	120		50.0	168		mg/L		93	80 - 120

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398656

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	120		50.0	167		mg/L		93	80 - 120	0	30

Lab Sample ID: 680-116122-7 DU

Matrix: Water

Analysis Batch: 398656

Analyte	Sample Result	Sample Qualifier	DU		Unit	D				RPD	RPD Limit
			Result	Qualifier							
Fluoride	0.41	J			mg/L					0.9	30
Sulfate	100				98.9					2	30

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398656

Analyte	Sample Result	Sample Qualifier	DU		Unit	D				RPD	RPD Limit
			Result	Qualifier							
Fluoride	0.32	J			mg/L					1	30
Sulfate	120				120					0.7	30

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 680-398585/1-A

Matrix: Water

Analysis Batch: 398685

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum, Dissolved	24	U	200	24	ug/L		08/28/15 13:00	08/28/15 19:55	1
Calcium, Dissolved	25	U	500	25	ug/L		08/28/15 13:00	08/28/15 19:55	1
Iron, Dissolved	17	U	50	17	ug/L		08/28/15 13:00	08/28/15 19:55	1
Magnesium, Dissolved	33	U	500	33	ug/L		08/28/15 13:00	08/28/15 19:55	1
Potassium, Dissolved	17	U	1000	17	ug/L		08/28/15 13:00	08/28/15 19:55	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/28/15 13:00	08/28/15 19:55	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 680-398585/2-A

Matrix: Water

Analysis Batch: 398685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 398585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum, Dissolved	2000	1970		ug/L	99	85 - 115	
Calcium, Dissolved	2000	2100		ug/L	105	85 - 115	
Iron, Dissolved	2000	2020		ug/L	101	85 - 115	
Magnesium, Dissolved	2000	2030		ug/L	102	85 - 115	
Potassium, Dissolved	2000	2120		ug/L	106	85 - 115	
Sodium, Dissolved	2000	2070		ug/L	104	85 - 115	

Lab Sample ID: MB 680-398601/1-A

Matrix: Water

Analysis Batch: 398685

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 398601

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	24	U	200	24	ug/L		08/28/15 13:41	08/28/15 18:04	1
Calcium	25	U	500	25	ug/L		08/28/15 13:41	08/28/15 18:04	1
Iron	17	U	50	17	ug/L		08/28/15 13:41	08/28/15 18:04	1
Magnesium	33	U	500	33	ug/L		08/28/15 13:41	08/28/15 18:04	1
Potassium	17	U	1000	17	ug/L		08/28/15 13:41	08/28/15 18:04	1
Sodium	480	U	1000	480	ug/L		08/28/15 13:41	08/28/15 18:04	1

Lab Sample ID: LCS 680-398601/2-A

Matrix: Water

Analysis Batch: 398685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 398601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum	2000	1990		ug/L	99	85 - 115	
Calcium	2000	2130		ug/L	107	85 - 115	
Iron	2000	2040		ug/L	102	85 - 115	
Magnesium	2000	2040		ug/L	102	85 - 115	
Potassium	2000	2170		ug/L	109	85 - 115	
Sodium	2000	2030		ug/L	102	85 - 115	

Lab Sample ID: 680-116122-4 MS

Matrix: Water

Analysis Batch: 398685

Client Sample ID: A68_082615

Prep Type: Total/NA

Prep Batch: 398601

Analyte	Sample		Spike Added	MS		Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Aluminum	95	J	2000	2170		ug/L	103	75 - 125	
Calcium	50000		2000	53300	4	ug/L	138	75 - 125	
Iron	170		2000	2270		ug/L	105	75 - 125	
Magnesium	3000		2000	5140		ug/L	107	75 - 125	
Potassium	640	J	2000	2930		ug/L	114	75 - 125	
Sodium	2100		2000	4300		ug/L	109	75 - 125	

Lab Sample ID: 680-116122-4 MSD

Matrix: Water

Analysis Batch: 398685

Client Sample ID: A68_082615

Prep Type: Total/NA

Prep Batch: 398601

Analyte	Sample		Spike Added	MSD		Unit	D	%Rec	Limits	RPD
	Result	Qualifier		Result	Qualifier					
Aluminum	95	J	2000	2120		ug/L	101	75 - 125	2	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-116122-4 MSD

Matrix: Water

Analysis Batch: 398685

Client Sample ID: A68_082615

Prep Type: Total/NA

Prep Batch: 398601

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Calcium	50000		2000	52400	4	ug/L		94	75 - 125	2	20
Iron	170		2000	2220		ug/L		102	75 - 125	2	20
Magnesium	3000		2000	5050		ug/L		102	75 - 125	2	20
Potassium	640	J	2000	2870		ug/L		111	75 - 125	2	20
Sodium	2100		2000	4290		ug/L		109	75 - 125	0	20

Lab Sample ID: 680-116122-9 MS

Matrix: Water

Analysis Batch: 398685

Client Sample ID: GKMSW01_082715

Prep Type: Total/NA

Prep Batch: 398601

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Aluminum	540		2000	2060		ug/L		76	75 - 125		
Calcium	84000		2000	83800	4	ug/L		-14	75 - 125		
Iron	990	F1	2000	2040	F1	ug/L		52	75 - 125		
Magnesium	12000		2000	13600	4	ug/L		80	75 - 125		
Potassium	4100		2000	6190		ug/L		107	75 - 125		
Sodium	23000		2000	24900	4	ug/L		100	75 - 125		

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398685

Client Sample ID: GKMSW01_082715

Prep Type: Total/NA

Prep Batch: 398601

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Aluminum	540		2000	2090		ug/L		78	75 - 125	2	20
Calcium	84000		2000	84900	4	ug/L		44	75 - 125	1	20
Iron	990	F1	2000	2070	F1	ug/L		54	75 - 125	2	20
Magnesium	12000		2000	13800	4	ug/L		89	75 - 125	1	20
Potassium	4100		2000	6280		ug/L		111	75 - 125	2	20
Sodium	23000		2000	25400	4	ug/L		123	75 - 125	2	20

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398685

Client Sample ID: GKMSW01_082715

Prep Type: Total/NA

Prep Batch: 398601

Analyte	Sample	Sample	Spike	DU	DU	Unit	D			RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Aluminum	540			24	U	ug/L				NC	20
Calcium	84000			82600		ug/L				2	20
Iron	990	F1		17	U	ug/L				NC	20
Magnesium	12000			11700		ug/L				2	20
Potassium	4100			3940		ug/L				3	20
Sodium	23000			23100		ug/L				0.8	20

Lab Sample ID: 680-116122-1 MS

Matrix: Water

Analysis Batch: 398685

Client Sample ID: RBEffluent_082615

Prep Type: Dissolved

Prep Batch: 398585

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Aluminum, Dissolved	28000		2000	30100	4	ug/L		114	75 - 125		
Iron, Dissolved	59000		2000	61200	4	ug/L		116	75 - 125		

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-116122-1 MS

Matrix: Water

Analysis Batch: 398685

Client Sample ID: RBEffluent_082615

Prep Type: Dissolved

Prep Batch: 398585

%Rec.

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Potassium, Dissolved	2400	F1	2000	4980	F1	ug/L	130	75 - 125	
Sodium, Dissolved	620	J	2000	3080		ug/L	123	75 - 125	

Lab Sample ID: 680-116122-1 MS

Matrix: Water

Analysis Batch: 398685

Client Sample ID: RBEffluent_082615

Prep Type: Dissolved

Prep Batch: 398585

%Rec.

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Calcium, Dissolved	350000		2000	363000	4	ug/L	784	75 - 125	
Magnesium, Dissolved	31000		2000	34400	4	ug/L	171	75 - 125	

Lab Sample ID: 680-116122-1 MSD

Matrix: Water

Analysis Batch: 398685

Client Sample ID: RBEffluent_082615

Prep Type: Dissolved

Prep Batch: 398585

%Rec.

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD
	Result	Qualifier	Added	Result	Qualifier					
Aluminum, Dissolved	25000		2000	29700	4	ug/L	235	75 - 125	1	20
Iron, Dissolved	57000		2000	60500	4	ug/L	153	75 - 125	1	20
Potassium, Dissolved	1800	J F1	2000	4930	F1	ug/L	156	75 - 125	1	20
Sodium, Dissolved	4800	U F1	2000	3060	F1	ug/L	153	75 - 125	1	20

Lab Sample ID: 680-116122-1 MSD

Matrix: Water

Analysis Batch: 398685

Client Sample ID: RBEffluent_082615

Prep Type: Dissolved

Prep Batch: 398585

%Rec.

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD
	Result	Qualifier	Added	Result	Qualifier					
Calcium, Dissolved	350000		2000	364000	4	ug/L	867	75 - 125	0	20
Magnesium, Dissolved	31000		2000	34700	4	ug/L	186	75 - 125	1	20

Lab Sample ID: 680-116122-9 MS

Matrix: Water

Analysis Batch: 398685

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398585

%Rec.

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Aluminum, Dissolved	24	U	2000	2500		ug/L	125	75 - 125	
Calcium, Dissolved	82000		2000	86600	4	ug/L	220	75 - 125	
Iron, Dissolved	17	U F1	2000	2970	F1	ug/L	149	75 - 125	
Magnesium, Dissolved	12000		2000	14200	4	ug/L	126	75 - 125	
Potassium, Dissolved	3900		2000	6350		ug/L	124	75 - 125	
Sodium, Dissolved	23000		2000	25400	4	ug/L	113	75 - 125	

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398685

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398585

%Rec.

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD
	Result	Qualifier	Added	Result	Qualifier					
Aluminum, Dissolved	24	U	2000	2440		ug/L	122	75 - 125	2	20
Calcium, Dissolved	82000		2000	85400	4	ug/L	161	75 - 125	1	20
Iron, Dissolved	17	U F1	2000	2820	F1	ug/L	141	75 - 125	5	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398685

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398585

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Magnesium, Dissolved	12000		2000	14100	4	ug/L		119	75 - 125	1	20
Potassium, Dissolved	3900		2000	6310		ug/L		122	75 - 125	1	20
Sodium, Dissolved	23000		2000	25300	4	ug/L		110	75 - 125	0	20

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398685

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398585

Analyte	Sample	Sample	DU	DU	Unit	D			RPD	Limit
	Result	Qualifier	Result	Qualifier						
Aluminum, Dissolved	24	U	433		ug/L				NC	20
Calcium, Dissolved	82000		84400		ug/L				3	20
Iron, Dissolved	17	U F1	814		ug/L				NC	20
Magnesium, Dissolved	12000		12100		ug/L				4	20
Potassium, Dissolved	3900		4060		ug/L				5	20
Sodium, Dissolved	23000		23400		ug/L				1	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 680-398581/1-A

Matrix: Water

Analysis Batch: 398660

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 398581

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/28/15 13:00	08/28/15 18:12	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/28/15 13:00	08/28/15 18:12	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		08/28/15 13:00	08/28/15 18:12	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/28/15 13:00	08/28/15 18:12	1
Cadmium, Dissolved	0.043	U	0.50	0.043	ug/L		08/28/15 13:00	08/28/15 18:12	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/28/15 13:00	08/28/15 18:12	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/28/15 13:00	08/28/15 18:12	1
Copper, Dissolved	0.50	U	1.0	0.50	ug/L		08/28/15 13:00	08/28/15 18:12	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/28/15 13:00	08/28/15 18:12	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/28/15 13:00	08/28/15 18:12	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/28/15 13:00	08/28/15 18:12	1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L		08/28/15 13:00	08/28/15 18:12	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/28/15 13:00	08/28/15 18:12	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/28/15 13:00	08/28/15 18:12	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/28/15 13:00	08/28/15 18:12	1
Vanadium, Dissolved	0.773	J	1.0	0.30	ug/L		08/28/15 13:00	08/28/15 18:12	1
Zinc, Dissolved	11.2	J	20	2.8	ug/L		08/28/15 13:00	08/28/15 18:12	1

Lab Sample ID: LCS 680-398581/2-A

Matrix: Water

Analysis Batch: 398660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 398581

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Antimony, Dissolved	20.0	21.3		ug/L		106	85 - 115
Arsenic, Dissolved	40.0	42.3		ug/L		106	85 - 115
Barium, Dissolved	40.0	41.6		ug/L		104	85 - 115

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-398581/2-A

Matrix: Water

Analysis Batch: 398660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 398581

%Rec.

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Beryllium, Dissolved	20.0	22.6		ug/L	113	85 - 115	
Cadmium, Dissolved	20.0	21.4		ug/L	107	85 - 115	
Chromium, Dissolved	40.0	41.0		ug/L	103	85 - 115	
Cobalt, Dissolved	20.0	20.2		ug/L	101	85 - 115	
Copper, Dissolved	40.0	40.0		ug/L	100	85 - 115	
Lead, Dissolved	200	203		ug/L	102	85 - 115	
Manganese, Dissolved	200	199		ug/L	100	85 - 115	
Molybdenum, Dissolved	40.0	39.6		ug/L	99	85 - 115	
Nickel, Dissolved	40.0	39.5		ug/L	99	85 - 115	
Selenium, Dissolved	40.0	43.0		ug/L	108	85 - 115	
Silver, Dissolved	20.0	20.5		ug/L	102	85 - 115	
Thallium, Dissolved	16.0	15.9		ug/L	99	85 - 115	
Vanadium, Dissolved	40.0	42.2		ug/L	105	85 - 115	
Zinc, Dissolved	40.0	55.9 *		ug/L	140	85 - 115	

Lab Sample ID: MB 680-398600/1-A

Matrix: Water

Analysis Batch: 398660

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 398600

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Antimony	0.40	U			1.0	0.40	ug/L		08/28/15 13:41	08/28/15 20:35	1
Arsenic	0.37	U			1.0	0.37	ug/L		08/28/15 13:41	08/28/15 20:35	1
Barium	0.14	U			2.0	0.14	ug/L		08/28/15 13:41	08/28/15 20:35	1
Beryllium	0.15	U			0.40	0.15	ug/L		08/28/15 13:41	08/28/15 20:35	1
Cadmium	0.043	U			0.50	0.043	ug/L		08/28/15 13:41	08/28/15 20:35	1
Chromium	1.0	U			2.0	1.0	ug/L		08/28/15 13:41	08/28/15 20:35	1
Cobalt	0.12	U			0.40	0.12	ug/L		08/28/15 13:41	08/28/15 20:35	1
Copper	0.50	U			1.0	0.50	ug/L		08/28/15 13:41	08/28/15 20:35	1
Lead	0.060	U			0.30	0.060	ug/L		08/28/15 13:41	08/28/15 20:35	1
Manganese	1.2	U			2.5	1.2	ug/L		08/28/15 13:41	08/28/15 20:35	1
Molybdenum	0.45	U			1.0	0.45	ug/L		08/28/15 13:41	08/28/15 20:35	1
Nickel	0.40	U			1.0	0.40	ug/L		08/28/15 13:41	08/28/15 20:35	1
Selenium	0.58	U			2.0	0.58	ug/L		08/28/15 13:41	08/28/15 20:35	1
Silver	0.10	U			1.0	0.10	ug/L		08/28/15 13:41	08/28/15 20:35	1
Thallium	0.10	U			0.20	0.10	ug/L		08/28/15 13:41	08/28/15 20:35	1
Vanadium	0.730	J			1.0	0.30	ug/L		08/28/15 13:41	08/28/15 20:35	1
Zinc	2.8	U			20	2.8	ug/L		08/28/15 13:41	08/28/15 20:35	1

Lab Sample ID: LCS 680-398600/2-A

Matrix: Water

Analysis Batch: 398660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 398600

%Rec.

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Antimony	20.0	21.7		ug/L	109	85 - 115	
Arsenic	40.0	42.5		ug/L	106	85 - 115	
Barium	40.0	42.6		ug/L	106	85 - 115	
Beryllium	20.0	21.5		ug/L	108	85 - 115	
Cadmium	20.0	21.6		ug/L	108	85 - 115	
Chromium	40.0	40.7		ug/L	102	85 - 115	

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-398600/2-A

Matrix: Water

Analysis Batch: 398660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 398600

%Rec.

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Cobalt	20.0	20.4		ug/L		102	85 - 115
Copper	40.0	40.7		ug/L		102	85 - 115
Lead	200	205		ug/L		103	85 - 115
Manganese	200	201		ug/L		100	85 - 115
Molybdenum	40.0	39.7		ug/L		99	85 - 115
Nickel	40.0	40.2		ug/L		101	85 - 115
Selenium	40.0	43.6		ug/L		109	85 - 115
Silver	20.0	20.1		ug/L		101	85 - 115
Thallium	16.0	16.1		ug/L		101	85 - 115
Vanadium	40.0	42.8		ug/L		107	85 - 115
Zinc	40.0	44.0		ug/L		110	85 - 115

Lab Sample ID: 680-116122-4 MS

Matrix: Water

Analysis Batch: 398660

Client Sample ID: A68_082615

Prep Type: Total/NA

Prep Batch: 398600

%Rec.

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Antimony	0.40	U	20.0	22.0		ug/L		110	70 - 130
Arsenic	0.37	U	40.0	43.0		ug/L		108	70 - 130
Barium	24		40.0	66.8		ug/L		108	70 - 130
Beryllium	0.15	U	20.0	20.2		ug/L		101	70 - 130
Cadmium	1.0		20.0	22.0		ug/L		105	70 - 130
Chromium	1.0	U	40.0	40.9		ug/L		102	70 - 130
Cobalt	0.54		20.0	20.8		ug/L		101	70 - 130
Copper	4.3		40.0	44.0		ug/L		99	70 - 130
Lead	1.8		200	203		ug/L		100	70 - 130
Manganese	1100		200	1280	4	ug/L		102	70 - 130
Molybdenum	1.7		40.0	42.1		ug/L		101	70 - 130
Nickel	2.1		40.0	41.0		ug/L		97	70 - 130
Selenium	0.58	U	40.0	43.0		ug/L		107	70 - 130
Silver	0.10	U	20.0	19.2		ug/L		96	70 - 130
Thallium	0.10	U	16.0	15.9		ug/L		100	70 - 130
Vanadium	0.90	J B	40.0	41.9		ug/L		103	70 - 130
Zinc	300		40.0	355	4	ug/L		136	70 - 130

Lab Sample ID: 680-116122-4 MSD

Matrix: Water

Analysis Batch: 398660

Client Sample ID: A68_082615

Prep Type: Total/NA

Prep Batch: 398600

%Rec.

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Antimony	0.40	U	20.0	21.5		ug/L		108	70 - 130	2	20
Arsenic	0.37	U	40.0	42.6		ug/L		107	70 - 130	1	20
Barium	24		40.0	65.6		ug/L		105	70 - 130	2	20
Beryllium	0.15	U	20.0	20.3		ug/L		102	70 - 130	0	20
Cadmium	1.0		20.0	21.5		ug/L		102	70 - 130	2	20
Chromium	1.0	U	40.0	39.1		ug/L		98	70 - 130	4	20
Cobalt	0.54		20.0	20.4		ug/L		99	70 - 130	2	20
Copper	4.3		40.0	43.1		ug/L		97	70 - 130	2	20
Lead	1.8		200	198		ug/L		98	70 - 130	2	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-116122-4 MSD

Matrix: Water

Analysis Batch: 398660

Client Sample ID: A68_082615

Prep Type: Total/NA

Prep Batch: 398600

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Manganese	1100		200	1260	4	ug/L		95	70 - 130	1	20
Molybdenum	1.7		40.0	41.6		ug/L		100	70 - 130	1	20
Nickel	2.1		40.0	40.4		ug/L		96	70 - 130	2	20
Selenium	0.58	U	40.0	42.7		ug/L		107	70 - 130	1	20
Silver	0.10	U	20.0	19.0		ug/L		95	70 - 130	1	20
Thallium	0.10	U	16.0	16.0		ug/L		100	70 - 130	0	20
Vanadium	0.90	J B	40.0	40.9		ug/L		100	70 - 130	3	20
Zinc	300		40.0	349	4	ug/L		121	70 - 130	2	20

Lab Sample ID: 680-116122-9 MS

Matrix: Water

Analysis Batch: 398660

Client Sample ID: GKMSW01_082715

Prep Type: Total/NA

Prep Batch: 398600

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Antimony	0.40	U	20.0	22.1		ug/L		111	70 - 130		
Arsenic	1.3		40.0	43.2		ug/L		105	70 - 130		
Barium	65		40.0	102		ug/L		91	70 - 130		
Beryllium	0.15	U	20.0	19.5		ug/L		97	70 - 130		
Cadmium	0.22	J	20.0	20.5		ug/L		101	70 - 130		
Chromium	1.0	U	40.0	39.4		ug/L		98	70 - 130		
Cobalt	0.53		20.0	20.0		ug/L		97	70 - 130		
Copper	3.5		40.0	38.4		ug/L		87	70 - 130		
Lead	5.9		200	194		ug/L		94	70 - 130		
Manganese	99		200	238		ug/L		70	70 - 130		
Molybdenum	1.3		40.0	41.9		ug/L		101	70 - 130		
Nickel	3.2		40.0	40.0		ug/L		92	70 - 130		
Selenium	0.58	U	40.0	42.5		ug/L		106	70 - 130		
Silver	0.10	U	20.0	18.2		ug/L		91	70 - 130		
Thallium	0.10	U	16.0	15.4		ug/L		96	70 - 130		
Vanadium	2.4	B	40.0	41.0		ug/L		96	70 - 130		
Zinc	51	F1	40.0	57.4	F1	ug/L		16	70 - 130		

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398660

Client Sample ID: GKMSW01_082715

Prep Type: Total/NA

Prep Batch: 398600

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Antimony	0.40	U	20.0	22.2		ug/L		111	70 - 130	0	20
Arsenic	1.3		40.0	44.9		ug/L		109	70 - 130	4	20
Barium	65		40.0	103		ug/L		94	70 - 130	1	20
Beryllium	0.15	U	20.0	19.7		ug/L		99	70 - 130	1	20
Cadmium	0.22	J	20.0	20.7		ug/L		103	70 - 130	1	20
Chromium	1.0	U	40.0	40.0		ug/L		100	70 - 130	1	20
Cobalt	0.53		20.0	20.1		ug/L		98	70 - 130	1	20
Copper	3.5		40.0	39.2		ug/L		89	70 - 130	2	20
Lead	5.9		200	194		ug/L		94	70 - 130	0	20
Manganese	99		200	240		ug/L		71	70 - 130	1	20
Molybdenum	1.3		40.0	42.3		ug/L		103	70 - 130	1	20
Nickel	3.2		40.0	40.4		ug/L		93	70 - 130	1	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398660

Client Sample ID: GKMSW01_082715

Prep Type: Total/NA

Prep Batch: 398600

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Selenium	0.58	U	40.0	44.2		ug/L		110	70 - 130	4	20
Silver	0.10	U	20.0	18.1		ug/L		91	70 - 130	0	20
Thallium	0.10	U	16.0	15.8		ug/L		99	70 - 130	3	20
Vanadium	2.4	B	40.0	41.9		ug/L		99	70 - 130	2	20
Zinc	51	F1	40.0	57.1	F1	ug/L		15	70 - 130	1	20

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398660

Client Sample ID: GKMSW01_082715

Prep Type: Total/NA

Prep Batch: 398600

Analyte	Sample	Sample	Spike	DU	DU	Unit	D			RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Antimony	0.40	U		0.40	U	ug/L				NC	20
Arsenic	1.3			0.794	J F5	ug/L				46	20
Barium	65			60.2		ug/L				8	20
Beryllium	0.15	U		0.15	U	ug/L				NC	20
Cadmium	0.22	J		0.0605	J F5	ug/L				115	20
Chromium	1.0	U		1.0	U	ug/L				NC	20
Cobalt	0.53			0.262	J F5	ug/L				68	20
Copper	3.5			0.856	J F3	ug/L				121	20
Lead	5.9			0.0775	J F3	ug/L				195	20
Manganese	99			39.2	F3	ug/L				86	20
Molybdenum	1.3			1.27		ug/L				4	20
Nickel	3.2			2.43	F5	ug/L				28	20
Selenium	0.58	U		0.58	U	ug/L				NC	20
Silver	0.10	U		0.10	U	ug/L				NC	20
Thallium	0.10	U		0.208		ug/L				NC	20
Vanadium	2.4	B		1.10	F3	ug/L				74	20
Zinc	51	F1		17.3	J F3	ug/L				99	20

Lab Sample ID: 680-116122-1 MS

Matrix: Water

Analysis Batch: 398660

Client Sample ID: RBEffluent_082615

Prep Type: Dissolved

Prep Batch: 398581

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier					
Antimony, Dissolved	0.40	U	20.0	19.9		ug/L		100	70 - 130	
Barium, Dissolved	8.8		40.0	48.8		ug/L		100	70 - 130	
Beryllium, Dissolved	8.7		20.0	27.0		ug/L		92	70 - 130	
Cadmium, Dissolved	71		20.0	89.2		ug/L		91	70 - 130	
Chromium, Dissolved	1.0	U	40.0	40.7		ug/L		102	70 - 130	
Cobalt, Dissolved	110		20.0	134	4	ug/L		107	70 - 130	
Copper, Dissolved	5300	E	40.0	5290	E 4	ug/L		63	70 - 130	
Lead, Dissolved	19		200	202		ug/L		91	70 - 130	
Manganese, Dissolved	33000	E	200	33900	E 4	ug/L		220	70 - 130	
Molybdenum, Dissolved	0.45	U	40.0	37.4		ug/L		93	70 - 130	
Nickel, Dissolved	66		40.0	104		ug/L		95	70 - 130	
Silver, Dissolved	0.10	U	20.0	15.8		ug/L		79	70 - 130	
Thallium, Dissolved	0.31		16.0	15.0		ug/L		92	70 - 130	
Vanadium, Dissolved	0.72	J B	40.0	39.8		ug/L		98	70 - 130	
Zinc, Dissolved	24000	E B *	40.0	24100	E 4	ug/L		475	70 - 130	

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Lab Sample ID: 680-116122-1 MS

Matrix: Water

Analysis Batch: 399132

Client Sample ID: RBEffluent_082615

Prep Type: Dissolved

Prep Batch: 398581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
									Limits
Arsenic, Dissolved	1.9	U	40.0	41.6		ug/L	104	70 - 130	
Selenium, Dissolved	2.9	U	40.0	40.1		ug/L	100	70 - 130	

Lab Sample ID: 680-116122-1 MSD

Matrix: Water

Analysis Batch: 398660

Client Sample ID: RBEffluent_082615

Prep Type: Dissolved

Prep Batch: 398581

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD
									Limits	RPD Limit
Antimony, Dissolved	0.40	U	20.0	19.7		ug/L	99	70 - 130	1	20
Barium, Dissolved	8.8		40.0	48.3		ug/L	99	70 - 130	1	20
Beryllium, Dissolved	8.7		20.0	26.0		ug/L	87	70 - 130	4	20
Cadmium, Dissolved	71		20.0	87.6		ug/L	83	70 - 130	2	20
Chromium, Dissolved	1.0	U	40.0	39.4		ug/L	99	70 - 130	3	20
Cobalt, Dissolved	110		20.0	130	4	ug/L	87	70 - 130	3	20
Copper, Dissolved	5300	E	40.0	5140	E 4	ug/L	-300	70 - 130	3	20
Lead, Dissolved	19		200	199		ug/L	90	70 - 130	1	20
Manganese, Dissolved	33000	E	200	32700	E 4	ug/L	-365	70 - 130	4	20
Molybdenum, Dissolved	0.45	U	40.0	36.8		ug/L	92	70 - 130	2	20
Nickel, Dissolved	66		40.0	99.9		ug/L	85	70 - 130	4	20
Silver, Dissolved	0.10	U	20.0	15.6		ug/L	78	70 - 130	1	20
Thallium, Dissolved	0.31		16.0	15.0		ug/L	92	70 - 130	0	20
Vanadium, Dissolved	0.72	J B	40.0	37.8		ug/L	93	70 - 130	5	20
Zinc, Dissolved	24000	E B *	40.0	23400	E 4	ug/L	-1300	70 - 130	3	20

Lab Sample ID: 680-116122-1 MSD

Matrix: Water

Analysis Batch: 399132

Client Sample ID: RBEffluent_082615

Prep Type: Dissolved

Prep Batch: 398581

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD
									Limits	RPD Limit
Arsenic, Dissolved	1.9	U	40.0	42.9		ug/L	107	70 - 130	3	20
Selenium, Dissolved	2.9	U	40.0	40.7		ug/L	102	70 - 130	1	20

Lab Sample ID: 680-116122-9 MS

Matrix: Water

Analysis Batch: 398660

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
									Limits
Antimony, Dissolved	0.40	U	20.0	21.1		ug/L	106	70 - 130	
Arsenic, Dissolved	0.51	J	40.0	43.0		ug/L	106	70 - 130	
Barium, Dissolved	59		40.0	108		ug/L	121	70 - 130	
Beryllium, Dissolved	0.15	U	20.0	20.8		ug/L	104	70 - 130	
Cadmium, Dissolved	0.060	J	20.0	20.7		ug/L	103	70 - 130	
Chromium, Dissolved	1.0	U	40.0	40.2		ug/L	100	70 - 130	
Cobalt, Dissolved	1.0		20.0	20.4		ug/L	97	70 - 130	
Copper, Dissolved	0.77	J	40.0	41.4		ug/L	102	70 - 130	
Lead, Dissolved	0.060	U	200	198		ug/L	99	70 - 130	
Manganese, Dissolved	41	F1	200	310	F1	ug/L	134	70 - 130	
Molybdenum, Dissolved	1.2		40.0	42.1		ug/L	102	70 - 130	
Nickel, Dissolved	2.2		40.0	40.8		ug/L	97	70 - 130	
Selenium, Dissolved	0.58	U	40.0	40.7		ug/L	102	70 - 130	
Silver, Dissolved	0.10	U	20.0	18.5		ug/L	93	70 - 130	

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-116122-9 MS

Matrix: Water

Analysis Batch: 398660

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398581

%Rec.

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier					
Thallium, Dissolved	0.10	U	16.0	15.4		ug/L		96	70 - 130	
Vanadium, Dissolved	0.96	J B	40.0	40.9		ug/L		100	70 - 130	
Zinc, Dissolved	23	B * F1	40.0	96.4	F1	ug/L		184	70 - 130	

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398660

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398581

%Rec.

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Antimony, Dissolved	0.40	U	20.0	21.1		ug/L		106	70 - 130	0	20
Arsenic, Dissolved	0.51	J	40.0	43.7		ug/L		108	70 - 130	1	20
Barium, Dissolved	59		40.0	107		ug/L		119	70 - 130	1	20
Beryllium, Dissolved	0.15	U	20.0	21.1		ug/L		105	70 - 130	2	20
Cadmium, Dissolved	0.060	J	20.0	20.7		ug/L		103	70 - 130	0	20
Chromium, Dissolved	1.0	U	40.0	40.3		ug/L		101	70 - 130	0	20
Cobalt, Dissolved	1.0		20.0	20.4		ug/L		97	70 - 130	0	20
Copper, Dissolved	0.77	J	40.0	41.4		ug/L		102	70 - 130	0	20
Lead, Dissolved	0.060	U	200	195		ug/L		97	70 - 130	1	20
Manganese, Dissolved	41	F1	200	295		ug/L		127	70 - 130	5	20
Molybdenum, Dissolved	1.2		40.0	42.2		ug/L		103	70 - 130	0	20
Nickel, Dissolved	2.2		40.0	41.0		ug/L		97	70 - 130	0	20
Selenium, Dissolved	0.58	U	40.0	41.1		ug/L		103	70 - 130	1	20
Silver, Dissolved	0.10	U	20.0	18.6		ug/L		93	70 - 130	0	20
Thallium, Dissolved	0.10	U	16.0	15.3		ug/L		96	70 - 130	0	20
Vanadium, Dissolved	0.96	J B	40.0	41.6		ug/L		102	70 - 130	2	20
Zinc, Dissolved	23	B * F1	40.0	90.4	F1	ug/L		169	70 - 130	6	20

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398660

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398581

RPD

Analyte	Sample	Sample	Spike	DU	DU	Unit	D			RPD	Limit
	Result	Qualifier		Result	Qualifier						
Antimony, Dissolved	0.40	U		0.40	U	ug/L				NC	20
Arsenic, Dissolved	0.51	J		1.37	F5	ug/L				91	20
Barium, Dissolved	59			65.3		ug/L				10	20
Beryllium, Dissolved	0.15	U		0.15	U	ug/L				NC	20
Cadmium, Dissolved	0.060	J		0.225	J F5	ug/L				115	20
Chromium, Dissolved	1.0	U		1.0	U	ug/L				NC	20
Cobalt, Dissolved	1.0			0.487	F3	ug/L				70	20
Copper, Dissolved	0.77	J		3.34	F3	ug/L				125	20
Lead, Dissolved	0.060	U		4.99		ug/L				NC	20
Manganese, Dissolved	41	F1		96.7	F3	ug/L				80	20
Molybdenum, Dissolved	1.2			1.42		ug/L				19	20
Nickel, Dissolved	2.2			2.96	F5	ug/L				32	20
Selenium, Dissolved	0.58	U		0.58	U	ug/L				NC	20
Silver, Dissolved	0.10	U		0.10	U	ug/L				NC	20
Thallium, Dissolved	0.10	U		0.246		ug/L				NC	20
Vanadium, Dissolved	0.96	J B		2.33	F3	ug/L				83	20
Zinc, Dissolved	23	B * F1		51.4	F3 *	ug/L				77	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Lab Sample ID: MB 680-398686/1

Matrix: Water

Analysis Batch: 398686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB		RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Hardness	3.3	U	3.3	3.3	mg/L			08/29/15 10:36	1

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 680-398566/13-A

Matrix: Water

Analysis Batch: 398659

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 398566

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.080	U	0.20	0.080	ug/L		08/28/15 12:14	08/28/15 17:36	1

Lab Sample ID: LCS 680-398566/15-A

Matrix: Water

Analysis Batch: 398659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 398566

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
	Added	Added						
Mercury		2.50	2.57		ug/L		103	85 - 115

Lab Sample ID: 680-116122-4 MS

Matrix: Water

Analysis Batch: 398659

Client Sample ID: A68_082615
Prep Type: Total/NA
Prep Batch: 398566

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier							
Mercury	0.080	U	1.00	0.927		ug/L		93	70 - 130

Lab Sample ID: 680-116122-4 MSD

Matrix: Water

Analysis Batch: 398659

Client Sample ID: A68_082615
Prep Type: Total/NA
Prep Batch: 398566

Analyte	Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	
	Result	Qualifier									
Mercury	0.080	U	1.00	0.914		ug/L		91	70 - 130	1	20

Lab Sample ID: 680-116122-9 MS

Matrix: Water

Analysis Batch: 398659

Client Sample ID: GKMSW01_082715
Prep Type: Total/NA
Prep Batch: 398566

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier							
Mercury	0.080	U	1.00	0.923		ug/L		92	70 - 130

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398659

Client Sample ID: GKMSW01_082715
Prep Type: Total/NA
Prep Batch: 398566

Analyte	Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	
	Result	Qualifier									
Mercury	0.080	U	1.00	0.958		ug/L		96	70 - 130	4	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398659

Client Sample ID: GKMSW01_082715

Prep Type: Total/NA

Prep Batch: 398566

RPD

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.080	U	0.080	U	ug/L	D	NC	20

Lab Sample ID: MB 680-398597/1-A

Matrix: Water

Analysis Batch: 398659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 398597

7

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	D	08/28/15 13:33	08/28/15 19:01	1

Lab Sample ID: LCS 680-398597/3-A

Matrix: Water

Analysis Batch: 398659

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 398597

10

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	2.50	2.55		ug/L	D	102	85 - 115

Lab Sample ID: 680-116122-9 MS

Matrix: Water

Analysis Batch: 398659

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398597

11

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.080	U	1.00	0.943		ug/L	D	94	70 - 130

Lab Sample ID: 680-116122-9 MSD

Matrix: Water

Analysis Batch: 398659

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398597

12

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD	Limit
Mercury	0.080	U	1.00	0.880		ug/L	D	88	70 - 130	7

Lab Sample ID: 680-116122-11 MS

Matrix: Water

Analysis Batch: 398659

Client Sample ID: GKMSW05_082715

Prep Type: Dissolved

Prep Batch: 398597

13

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.080	U	1.00	0.902		ug/L	D	90	70 - 130

Lab Sample ID: 680-116122-11 MSD

Matrix: Water

Analysis Batch: 398659

Client Sample ID: GKMSW05_082715

Prep Type: Dissolved

Prep Batch: 398597

14

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD	Limit
Mercury	0.080	U	1.00	0.918		ug/L	D	92	70 - 130	2

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398659

Client Sample ID: GKMSW01_082715

Prep Type: Dissolved

Prep Batch: 398597

15

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.080	U	0.080	U	ug/L	D	NC	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-398657/7

Matrix: Water

Analysis Batch: 398657

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L	-		08/28/15 12:52	1

Lab Sample ID: LCS 680-398657/8

Matrix: Water

Analysis Batch: 398657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Alkalinity	248	240		mg/L	97	80 - 120	

Lab Sample ID: LCSD 680-398657/24

Matrix: Water

Analysis Batch: 398657

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec.	RPD	Limit
Alkalinity	248	254		mg/L	103	80 - 120	6	30

Lab Sample ID: 680-116122-5 DU

Matrix: Water

Analysis Batch: 398657

Client Sample ID: A72_082615
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Alkalinity	6.1		5.73		mg/L	-	7	30

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398657

Client Sample ID: GKMSW01_082715
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Alkalinity	130		129		mg/L	-	1	30

Method: 4500 H+ B-2011 - pH

Lab Sample ID: LCS 680-398627/5

Matrix: Water

Analysis Batch: 398627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
pH	7.00	7.040		SU	101	63 - 158	

Lab Sample ID: 680-116122-5 DU

Matrix: Water

Analysis Batch: 398627

Client Sample ID: A72_082615
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
pH	6.60	HF	6.610		SU	-	0.2	40

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Method: 4500 H+ B-2011 - pH (Continued)

Lab Sample ID: 680-116122-9 DU

Matrix: Water

Analysis Batch: 398627

Client Sample ID: GKMSW01_082715

Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD	Limit
	Result	Qualifier	Result	Qualifier					
pH	8.06	HF	8.150	HF	SU		1		40

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

HPLC/IC

Analysis Batch: 398599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Total/NA	Water	300.0	1
680-116122-2	CC06_082615	Total/NA	Water	300.0	2
680-116122-3	TP04_082615	Total/NA	Water	300.0	3
680-116122-4	A68_082615	Total/NA	Water	300.0	4
680-116122-5	A72_082615	Total/NA	Water	300.0	5
680-116122-6	GKMSW02_082615	Total/NA	Water	300.0	6
680-116122-7	A68_082615D	Total/NA	Water	300.0	7
680-116122-8	CC48_082615	Total/NA	Water	300.0	8
680-116122-9	GKMSW01_082715	Total/NA	Water	300.0	9
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	300.0	10
680-116122-9 MS	GKMSW01_082715	Total/NA	Water	300.0	11
680-116122-9 MSD	GKMSW01_082715	Total/NA	Water	300.0	12
680-116122-10	GKMSW04_082715	Total/NA	Water	300.0	
680-116122-11	GKMSW05_082715	Total/NA	Water	300.0	
LCS 680-398599/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-398599/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-398599/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 398616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Total/NA	Water	300.0	1
680-116122-2	CC06_082615	Total/NA	Water	300.0	2
680-116122-3	TP04_082615	Total/NA	Water	300.0	3
680-116122-3	TP04_082615	Total/NA	Water	300.0	4
680-116122-4	A68_082615	Total/NA	Water	300.0	5
680-116122-4	A68_082615	Total/NA	Water	300.0	6
680-116122-5	A68_082615	Total/NA	Water	300.0	7
680-116122-5	A72_082615	Total/NA	Water	300.0	8
680-116122-6	A72_082615	Total/NA	Water	300.0	9
680-116122-7	GKMSW02_082615	Total/NA	Water	300.0	10
680-116122-7	A68_082615D	Total/NA	Water	300.0	11
680-116122-7 DU	A68_082615D	Total/NA	Water	300.0	12
680-116122-7 MS	A68_082615D	Total/NA	Water	300.0	
680-116122-7 MSD	A68_082615D	Total/NA	Water	300.0	
680-116122-8	CC48_082615	Total/NA	Water	300.0	
680-116122-9	GKMSW01_082715	Total/NA	Water	300.0	
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	300.0	
680-116122-9 MS	GKMSW01_082715	Total/NA	Water	300.0	
680-116122-9 MSD	GKMSW01_082715	Total/NA	Water	300.0	
680-116122-10	GKMSW04_082715	Total/NA	Water	300.0	
680-116122-11	GKMSW05_082715	Total/NA	Water	300.0	
LCS 680-398616/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-398616/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-398616/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 398656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Total/NA	Water	300.0	1
680-116122-1	RBEffluent_082615	Total/NA	Water	300.0	2
680-116122-2	CC06_082615	Total/NA	Water	300.0	3
680-116122-2	CC06_082615	Total/NA	Water	300.0	4
680-116122-6	GKMSW02_082615	Total/NA	Water	300.0	5

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

HPLC/IC (Continued)

Analysis Batch: 398656 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-7	A68_082615D	Total/NA	Water	300.0	
680-116122-7 DU	A68_082615D	Total/NA	Water	300.0	
680-116122-7 MS	A68_082615D	Total/NA	Water	300.0	
680-116122-7 MSD	A68_082615D	Total/NA	Water	300.0	
680-116122-8	CC48_082615	Total/NA	Water	300.0	
680-116122-9	GKMSW01_082715	Total/NA	Water	300.0	
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	300.0	
680-116122-9 MS	GKMSW01_082715	Total/NA	Water	300.0	
680-116122-9 MSD	GKMSW01_082715	Total/NA	Water	300.0	
680-116122-10	GKMSW04_082715	Total/NA	Water	300.0	
680-116122-11	GKMSW05_082715	Total/NA	Water	300.0	
LCS 680-398656/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-398656/38	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-398656/36	Method Blank	Total/NA	Water	300.0	

Metals

Prep Batch: 398566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Total/NA	Water	245.1	
680-116122-2	CC06_082615	Total/NA	Water	245.1	
680-116122-3	TP04_082615	Total/NA	Water	245.1	
680-116122-4	A68_082615	Total/NA	Water	245.1	
680-116122-4 MS	A68_082615	Total/NA	Water	245.1	
680-116122-4 MSD	A68_082615	Total/NA	Water	245.1	
680-116122-5	A72_082615	Total/NA	Water	245.1	
680-116122-6	GKMSW02_082615	Total/NA	Water	245.1	
680-116122-7	A68_082615D	Total/NA	Water	245.1	
680-116122-8	CC48_082615	Total/NA	Water	245.1	
680-116122-9	GKMSW01_082715	Total/NA	Water	245.1	
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	245.1	
680-116122-9 MS	GKMSW01_082715	Total/NA	Water	245.1	
680-116122-9 MSD	GKMSW01_082715	Total/NA	Water	245.1	
680-116122-10	GKMSW04_082715	Total/NA	Water	245.1	
680-116122-11	GKMSW05_082715	Total/NA	Water	245.1	
LCS 680-398566/15-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-398566/13-A	Method Blank	Total/NA	Water	245.1	

Prep Batch: 398581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Dissolved	Water	200	
680-116122-1 MS	RBEffluent_082615	Dissolved	Water	200	
680-116122-1 MSD	RBEffluent_082615	Dissolved	Water	200	
680-116122-2	CC06_082615	Dissolved	Water	200	
680-116122-3	TP04_082615	Dissolved	Water	200	
680-116122-4	A68_082615	Dissolved	Water	200	
680-116122-5	A72_082615	Dissolved	Water	200	
680-116122-6	GKMSW02_082615	Dissolved	Water	200	
680-116122-7	A68_082615D	Dissolved	Water	200	
680-116122-8	CC48_082615	Dissolved	Water	200	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Metals (Continued)

Prep Batch: 398581 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-9	GKMSW01_082715	Dissolved	Water	200	5
680-116122-9 DU	GKMSW01_082715	Dissolved	Water	200	
680-116122-9 MS	GKMSW01_082715	Dissolved	Water	200	6
680-116122-9 MSD	GKMSW01_082715	Dissolved	Water	200	
680-116122-10	GKMSW04_082715	Dissolved	Water	200	7
680-116122-11	GKMSW05_082715	Dissolved	Water	200	
LCS 680-398581/2-A	Lab Control Sample	Total/NA	Water	200	8
MB 680-398581/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 398585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Dissolved	Water	200	10
680-116122-1 MS	RBEffluent_082615	Dissolved	Water	200	
680-116122-1 MSD	RBEffluent_082615	Dissolved	Water	200	11
680-116122-2	CC06_082615	Dissolved	Water	200	
680-116122-3	TP04_082615	Dissolved	Water	200	12
680-116122-4	A68_082615	Dissolved	Water	200	
680-116122-5	A72_082615	Dissolved	Water	200	
680-116122-6	GKMSW02_082615	Dissolved	Water	200	
680-116122-7	A68_082615D	Dissolved	Water	200	
680-116122-8	CC48_082615	Dissolved	Water	200	
680-116122-9	GKMSW01_082715	Dissolved	Water	200	
680-116122-9 DU	GKMSW01_082715	Dissolved	Water	200	
680-116122-9 MS	GKMSW01_082715	Dissolved	Water	200	
680-116122-9 MSD	GKMSW01_082715	Dissolved	Water	200	
680-116122-10	GKMSW04_082715	Dissolved	Water	200	
680-116122-11	GKMSW05_082715	Dissolved	Water	200	
LCS 680-398585/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-398585/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 398597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Dissolved	Water	245.1	
680-116122-2	CC06_082615	Dissolved	Water	245.1	
680-116122-3	TP04_082615	Dissolved	Water	245.1	
680-116122-4	A68_082615	Dissolved	Water	245.1	
680-116122-5	A72_082615	Dissolved	Water	245.1	
680-116122-6	GKMSW02_082615	Dissolved	Water	245.1	
680-116122-7	A68_082615D	Dissolved	Water	245.1	
680-116122-8	CC48_082615	Dissolved	Water	245.1	
680-116122-9	GKMSW01_082715	Dissolved	Water	245.1	
680-116122-9 DU	GKMSW01_082715	Dissolved	Water	245.1	
680-116122-9 MS	GKMSW01_082715	Dissolved	Water	245.1	
680-116122-9 MSD	GKMSW01_082715	Dissolved	Water	245.1	
680-116122-10	GKMSW04_082715	Dissolved	Water	245.1	
680-116122-11	GKMSW05_082715	Dissolved	Water	245.1	
680-116122-11 MS	GKMSW05_082715	Dissolved	Water	245.1	
680-116122-11 MSD	GKMSW05_082715	Dissolved	Water	245.1	
LCS 680-398597/3-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-398597/1-A	Method Blank	Total/NA	Water	245.1	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Metals (Continued)

Prep Batch: 398600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Total/NA	Water	200	5
680-116122-2	CC06_082615	Total/NA	Water	200	6
680-116122-3	TP04_082615	Total/NA	Water	200	7
680-116122-4	A68_082615	Total/NA	Water	200	8
680-116122-4 MS	A68_082615	Total/NA	Water	200	9
680-116122-4 MSD	A68_082615	Total/NA	Water	200	10
680-116122-5	A72_082615	Total/NA	Water	200	11
680-116122-6	GKMSW02_082615	Total/NA	Water	200	12
680-116122-7	A68_082615D	Total/NA	Water	200	
680-116122-8	CC48_082615	Total/NA	Water	200	
680-116122-9	GKMSW01_082715	Total/NA	Water	200	
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	200	
680-116122-9 MS	GKMSW01_082715	Total/NA	Water	200	
680-116122-9 MSD	GKMSW01_082715	Total/NA	Water	200	
680-116122-10	GKMSW04_082715	Total/NA	Water	200	
680-116122-11	GKMSW05_082715	Total/NA	Water	200	
LCS 680-398600/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-398600/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 398601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Total/NA	Water	200	
680-116122-2	CC06_082615	Total/NA	Water	200	
680-116122-3	TP04_082615	Total/NA	Water	200	
680-116122-4	A68_082615	Total/NA	Water	200	
680-116122-4 MS	A68_082615	Total/NA	Water	200	
680-116122-4 MSD	A68_082615	Total/NA	Water	200	
680-116122-5	A72_082615	Total/NA	Water	200	
680-116122-6	GKMSW02_082615	Total/NA	Water	200	
680-116122-7	A68_082615D	Total/NA	Water	200	
680-116122-8	CC48_082615	Total/NA	Water	200	
680-116122-9	GKMSW01_082715	Total/NA	Water	200	
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	200	
680-116122-9 MS	GKMSW01_082715	Total/NA	Water	200	
680-116122-9 MSD	GKMSW01_082715	Total/NA	Water	200	
680-116122-10	GKMSW04_082715	Total/NA	Water	200	
680-116122-11	GKMSW05_082715	Total/NA	Water	200	
LCS 680-398601/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-398601/1-A	Method Blank	Total/NA	Water	200	

Analysis Batch: 398659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Dissolved	Water	245.1	398597
680-116122-1	RBEffluent_082615	Total/NA	Water	245.1	398566
680-116122-2	CC06_082615	Dissolved	Water	245.1	398597
680-116122-2	CC06_082615	Total/NA	Water	245.1	398566
680-116122-3	TP04_082615	Dissolved	Water	245.1	398597
680-116122-3	TP04_082615	Total/NA	Water	245.1	398566
680-116122-4	A68_082615	Dissolved	Water	245.1	398597
680-116122-4	A68_082615	Total/NA	Water	245.1	398566
680-116122-4 MS	A68_082615	Total/NA	Water	245.1	398566

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Metals (Continued)

Analysis Batch: 398659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-4 MSD	A68_082615	Total/NA	Water	245.1	398566
680-116122-5	A72_082615	Dissolved	Water	245.1	398597
680-116122-5	A72_082615	Total/NA	Water	245.1	398566
680-116122-6	GKMSW02_082615	Dissolved	Water	245.1	398597
680-116122-6	GKMSW02_082615	Total/NA	Water	245.1	398566
680-116122-7	A68_082615D	Dissolved	Water	245.1	398597
680-116122-7	A68_082615D	Total/NA	Water	245.1	398566
680-116122-8	CC48_082615	Dissolved	Water	245.1	398597
680-116122-8	CC48_082615	Total/NA	Water	245.1	398566
680-116122-9	GKMSW01_082715	Dissolved	Water	245.1	398597
680-116122-9	GKMSW01_082715	Total/NA	Water	245.1	398566
680-116122-9 DU	GKMSW01_082715	Dissolved	Water	245.1	398597
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	245.1	398566
680-116122-9 MS	GKMSW01_082715	Dissolved	Water	245.1	398597
680-116122-9 MS	GKMSW01_082715	Total/NA	Water	245.1	398566
680-116122-9 MSD	GKMSW01_082715	Dissolved	Water	245.1	398597
680-116122-9 MSD	GKMSW01_082715	Total/NA	Water	245.1	398566
680-116122-10	GKMSW04_082715	Dissolved	Water	245.1	398597
680-116122-10	GKMSW04_082715	Total/NA	Water	245.1	398566
680-116122-11	GKMSW05_082715	Dissolved	Water	245.1	398597
680-116122-11	GKMSW05_082715	Total/NA	Water	245.1	398566
680-116122-11 MS	GKMSW05_082715	Dissolved	Water	245.1	398597
680-116122-11 MSD	GKMSW05_082715	Dissolved	Water	245.1	398597
LCS 680-398566/15-A	Lab Control Sample	Total/NA	Water	245.1	398566
LCS 680-398597/3-A	Lab Control Sample	Total/NA	Water	245.1	398597
MB 680-398566/13-A	Method Blank	Total/NA	Water	245.1	398566
MB 680-398597/1-A	Method Blank	Total/NA	Water	245.1	398597

Analysis Batch: 398660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Dissolved	Water	200.8	398581
680-116122-1	RBEffluent_082615	Total/NA	Water	200.8	398600
680-116122-1 MS	RBEffluent_082615	Dissolved	Water	200.8	398581
680-116122-1 MSD	RBEffluent_082615	Dissolved	Water	200.8	398581
680-116122-2	CC06_082615	Dissolved	Water	200.8	398581
680-116122-2	CC06_082615	Total/NA	Water	200.8	398600
680-116122-3	TP04_082615	Dissolved	Water	200.8	398581
680-116122-3	TP04_082615	Total/NA	Water	200.8	398600
680-116122-4	A68_082615	Dissolved	Water	200.8	398581
680-116122-4	A68_082615	Total/NA	Water	200.8	398600
680-116122-4 MS	A68_082615	Total/NA	Water	200.8	398600
680-116122-4 MSD	A68_082615	Total/NA	Water	200.8	398600
680-116122-5	A72_082615	Dissolved	Water	200.8	398581
680-116122-5	A72_082615	Total/NA	Water	200.8	398600
680-116122-6	GKMSW02_082615	Dissolved	Water	200.8	398581
680-116122-6	GKMSW02_082615	Total/NA	Water	200.8	398600
680-116122-7	A68_082615D	Dissolved	Water	200.8	398581
680-116122-7	A68_082615D	Total/NA	Water	200.8	398600
680-116122-8	CC48_082615	Dissolved	Water	200.8	398581
680-116122-8	CC48_082615	Total/NA	Water	200.8	398600
680-116122-9	GKMSW01_082715	Dissolved	Water	200.8	398581

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Metals (Continued)

Analysis Batch: 398660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-9	GKMSW01_082715	Total/NA	Water	200.8	398600
680-116122-9 DU	GKMSW01_082715	Dissolved	Water	200.8	398581
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	200.8	398600
680-116122-9 MS	GKMSW01_082715	Dissolved	Water	200.8	398581
680-116122-9 MS	GKMSW01_082715	Total/NA	Water	200.8	398600
680-116122-9 MSD	GKMSW01_082715	Dissolved	Water	200.8	398581
680-116122-9 MSD	GKMSW01_082715	Total/NA	Water	200.8	398600
680-116122-10	GKMSW04_082715	Dissolved	Water	200.8	398581
680-116122-10	GKMSW04_082715	Total/NA	Water	200.8	398600
680-116122-11	GKMSW05_082715	Dissolved	Water	200.8	398581
680-116122-11	GKMSW05_082715	Total/NA	Water	200.8	398600
LCS 680-398581/2-A	Lab Control Sample	Total/NA	Water	200.8	398581
LCS 680-398600/2-A	Lab Control Sample	Total/NA	Water	200.8	398600
MB 680-398581/1-A	Method Blank	Total/NA	Water	200.8	398581
MB 680-398600/1-A	Method Blank	Total/NA	Water	200.8	398600

Analysis Batch: 398685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-1	RBEffluent_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-1	RBEffluent_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-1	RBEffluent_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-1 MS	RBEffluent_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-1 MS	RBEffluent_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-1 MSD	RBEffluent_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-1 MSD	RBEffluent_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-2	CC06_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-2	CC06_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-2	CC06_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-2	CC06_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-3	TP04_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-3	TP04_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-4	A68_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-4	A68_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-4 MS	A68_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-4 MSD	A68_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-5	A72_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-5	A72_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-6	GKMSW02_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-6	GKMSW02_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-7	A68_082615D	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-7	A68_082615D	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-8	CC48_082615	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-8	CC48_082615	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-9	GKMSW01_082715	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-9	GKMSW01_082715	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-9 DU	GKMSW01_082715	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-9 MS	GKMSW01_082715	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-9 MS	GKMSW01_082715	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-9 MSD	GKMSW01_082715	Dissolved	Water	200.7 Rev 4.4	398585

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Metals (Continued)

Analysis Batch: 398685 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-9 MSD	GKMSW01_082715	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-10	GKMSW04_082715	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-10	GKMSW04_082715	Total/NA	Water	200.7 Rev 4.4	398601
680-116122-11	GKMSW05_082715	Dissolved	Water	200.7 Rev 4.4	398585
680-116122-11	GKMSW05_082715	Total/NA	Water	200.7 Rev 4.4	398601
LCS 680-398585/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	398585
LCS 680-398601/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	398601
MB 680-398585/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	398585
MB 680-398601/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	398601

Analysis Batch: 398686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Total/NA	Water	2340B-2011	10
680-116122-2	CC06_082615	Total/NA	Water	2340B-2011	11
680-116122-3	TP04_082615	Total/NA	Water	2340B-2011	12
680-116122-4	A68_082615	Total/NA	Water	2340B-2011	
680-116122-5	A72_082615	Total/NA	Water	2340B-2011	
680-116122-6	GKMSW02_082615	Total/NA	Water	2340B-2011	
680-116122-7	A68_082615D	Total/NA	Water	2340B-2011	
680-116122-8	CC48_082615	Total/NA	Water	2340B-2011	
680-116122-9	GKMSW01_082715	Total/NA	Water	2340B-2011	
680-116122-10	GKMSW04_082715	Total/NA	Water	2340B-2011	
680-116122-11	GKMSW05_082715	Total/NA	Water	2340B-2011	
MB 680-398686/1	Method Blank	Total/NA	Water	2340B-2011	

Analysis Batch: 399132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Dissolved	Water	200.8	398581
680-116122-1	RBEffluent_082615	Total/NA	Water	200.8	398600
680-116122-1 MS	RBEffluent_082615	Dissolved	Water	200.8	398581
680-116122-1 MSD	RBEffluent_082615	Dissolved	Water	200.8	398581
680-116122-2	CC06_082615	Dissolved	Water	200.8	398581
680-116122-2	CC06_082615	Total/NA	Water	200.8	398600
680-116122-3	TP04_082615	Dissolved	Water	200.8	398581
680-116122-3	TP04_082615	Total/NA	Water	200.8	398600

General Chemistry

Analysis Batch: 398627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Total/NA	Water	4500 H+ B-2011	
680-116122-2	CC06_082615	Total/NA	Water	4500 H+ B-2011	
680-116122-3	TP04_082615	Total/NA	Water	4500 H+ B-2011	
680-116122-4	A68_082615	Total/NA	Water	4500 H+ B-2011	
680-116122-5	A72_082615	Total/NA	Water	4500 H+ B-2011	
680-116122-5 DU	A72_082615	Total/NA	Water	4500 H+ B-2011	
680-116122-6	GKMSW02_082615	Total/NA	Water	4500 H+ B-2011	
680-116122-7	A68_082615D	Total/NA	Water	4500 H+ B-2011	
680-116122-8	CC48_082615	Total/NA	Water	4500 H+ B-2011	
680-116122-9	GKMSW01_082715	Total/NA	Water	4500 H+ B-2011	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

General Chemistry (Continued)

Analysis Batch: 398627 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	4500 H+ B-2011	
680-116122-10	GKMSW04_082715	Total/NA	Water	4500 H+ B-2011	
680-116122-11	GKMSW05_082715	Total/NA	Water	4500 H+ B-2011	
LCS 680-398627/5	Lab Control Sample	Total/NA	Water	4500 H+ B-2011	

Analysis Batch: 398657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116122-1	RBEffluent_082615	Total/NA	Water	2320B-2011	
680-116122-2	CC06_082615	Total/NA	Water	2320B-2011	
680-116122-3	TP04_082615	Total/NA	Water	2320B-2011	
680-116122-4	A68_082615	Total/NA	Water	2320B-2011	
680-116122-5	A72_082615	Total/NA	Water	2320B-2011	
680-116122-5 DU	A72_082615	Total/NA	Water	2320B-2011	
680-116122-6	GKMSW02_082615	Total/NA	Water	2320B-2011	
680-116122-7	A68_082615D	Total/NA	Water	2320B-2011	
680-116122-8	CC48_082615	Total/NA	Water	2320B-2011	
680-116122-9	GKMSW01_082715	Total/NA	Water	2320B-2011	
680-116122-9 DU	GKMSW01_082715	Total/NA	Water	2320B-2011	
680-116122-10	GKMSW04_082715	Total/NA	Water	2320B-2011	
680-116122-11	GKMSW05_082715	Total/NA	Water	2320B-2011	
LCS 680-398657/8	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-398657/24	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
MB 680-398657/7	Method Blank	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: RBEffluent_082615

Lab Sample ID: 680-116122-1

Matrix: Water

Date Collected: 08/26/15 12:53

Date Received: 08/28/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab	1
Total/NA	Analysis	300.0 Instrument ID: CICG		1	5 mL	5 mL	398599	08/28/15 13:37	DAS	TAL SAV	2
Total/NA	Analysis	300.0 Instrument ID: CICH		1	5 mL	5 mL	398616	08/28/15 11:58	AJO	TAL SAV	3
Total/NA	Analysis	300.0 Instrument ID: CICH		4	5 mL	5 mL	398656	08/28/15 18:39	AJO	TAL SAV	4
Total/NA	Analysis	300.0 Instrument ID: CICH		50	5 mL	5 mL	398656	08/28/15 18:54	AJO	TAL SAV	5
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV	6
Dissolved	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	398685	08/28/15 20:34	BCB	TAL SAV	7
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV	8
Dissolved	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		10	50 mL	50 mL	398685	08/29/15 08:56	BCB	TAL SAV	9
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV	10
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	398685	08/28/15 19:06	BCB	TAL SAV	11
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV	12
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		10	50 mL	50 mL	398685	08/29/15 08:49	BCB	TAL SAV	
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV	
Dissolved	Analysis	200.8 Instrument ID: ICPMSB		1	50 mL	50 mL	398660	08/28/15 19:00	BJB	TAL SAV	
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV	
Dissolved	Analysis	200.8 Instrument ID: ICPMSC		5	50 mL	50 mL	399132	09/01/15 15:13	BWR	TAL SAV	
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV	
Total/NA	Analysis	200.8 Instrument ID: ICPMSB		1	50 mL	50 mL	398660	08/28/15 21:49	BJB	TAL SAV	
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV	
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		5	50 mL	50 mL	399132	09/01/15 15:00	BWR	TAL SAV	
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			398686	08/29/15 10:36	BCB	TAL SAV	
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV	
Dissolved	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	398659	08/28/15 19:28	BJB	TAL SAV	
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV	
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	398659	08/28/15 17:45	BJB	TAL SAV	
Total/NA	Analysis	2320B-2011 Instrument ID: MANTECH		1			398657	08/28/15 13:04	OLB	TAL SAV	
Total/NA	Analysis	4500 H+ B-2011 Instrument ID: MANTECH		1			398627	08/28/15 13:04	OLB	TAL SAV	

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: CC06_082615

Lab Sample ID: 680-116122-2

Matrix: Water

Date Collected: 08/26/15 08:20

Date Received: 08/28/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398599	08/28/15 11:34	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	398616	08/28/15 12:13	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		4	5 mL	5 mL	398656	08/28/15 19:09	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		50	5 mL	5 mL	398656	08/28/15 19:25	AJO	TAL SAV
		Instrument ID: CICH								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 20:56	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	398685	08/29/15 09:14	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 19:10	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	398685	08/29/15 08:52	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 19:26	BJB	TAL SAV
		Instrument ID: ICPMSB								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		5	50 mL	50 mL	399132	09/01/15 15:26	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 21:55	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		5	50 mL	50 mL	399132	09/01/15 15:05	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			398686	08/29/15 10:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 19:31	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 17:48	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			398657	08/28/15 13:08	OLB	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			398627	08/28/15 13:08	OLB	TAL SAV
		Instrument ID: MANTECH								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: TP04_082615

Date Collected: 08/26/15 10:03

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398599	08/28/15 11:50	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	398616	08/28/15 12:29	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		50	5 mL	5 mL	398616	08/28/15 16:51	AJO	TAL SAV
		Instrument ID: CICH								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 21:01	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 19:15	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 19:32	BJB	TAL SAV
		Instrument ID: ICPMSB								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		5	50 mL	50 mL	399132	09/01/15 15:30	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 22:00	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		5	50 mL	50 mL	399132	09/01/15 15:09	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			398686	08/29/15 10:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 19:34	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 17:51	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			398657	08/28/15 13:12	OLB	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			398627	08/28/15 13:12	OLB	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: A68_082615

Date Collected: 08/26/15 12:30

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398599	08/28/15 12:20	DAS	TAL SAV
		Instrument ID: CICG								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: A68_082615

Date Collected: 08/26/15 12:30

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398616	08/28/15 12:44	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		5	5 mL	5 mL	398616	08/28/15 17:06	AJO	TAL SAV
		Instrument ID: CICH								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 21:05	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 18:35	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 19:37	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 21:23	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Analysis	2340B-2011			1		398686	08/29/15 10:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 19:37	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 18:33	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011			1		398657	08/28/15 13:19	OLB	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011			1		398627	08/28/15 13:19	OLB	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: A72_082615

Date Collected: 08/26/15 13:45

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398599	08/28/15 13:22	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	398616	08/28/15 13:00	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		5	5 mL	5 mL	398616	08/28/15 17:22	AJO	TAL SAV
		Instrument ID: CICH								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 21:10	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: A72_082615

Date Collected: 08/26/15 13:45

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 19:19	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 19:42	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 22:05	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Analysis	2340B-2011		1			398686	08/29/15 10:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 19:40	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 17:54	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			398657	08/28/15 13:26	OLB	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			398627	08/28/15 13:26	OLB	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: GKMSW02_082615

Date Collected: 08/26/15 11:10

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398599	08/28/15 12:05	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	398616	08/28/15 13:15	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		5	5 mL	5 mL	398656	08/28/15 19:40	AJO	TAL SAV
		Instrument ID: CICH								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 21:14	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 19:24	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 19:48	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 22:10	BJB	TAL SAV
		Instrument ID: ICPMSB								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: GKMSW02_082615

Date Collected: 08/26/15 11:10

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2340B-2011		1			398686	08/29/15 10:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 19:43	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 17:57	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			398657	08/28/15 13:45	OLB	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			398627	08/28/15 13:45	OLB	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: A68_082615D

Date Collected: 08/26/15 12:30

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398599	08/28/15 12:36	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	398616	08/28/15 13:30	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		5	5 mL	5 mL	398656	08/28/15 19:56	AJO	TAL SAV
		Instrument ID: CICH								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 21:27	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 19:28	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 19:53	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 22:16	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Analysis	2340B-2011		1			398686	08/29/15 10:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 19:46	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 18:00	BJB	TAL SAV
		Instrument ID: LEEMAN2								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: A68_082615D

Date Collected: 08/26/15 12:30

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			398657	08/28/15 13:52	OLB	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			398627	08/28/15 13:52	OLB	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: CC48_082615

Date Collected: 08/26/15 13:10

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398599	08/28/15 13:53	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	398616	08/28/15 15:34	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		25	5 mL	5 mL	398656	08/28/15 21:28	AJO	TAL SAV
		Instrument ID: CICH								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 21:32	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 19:41	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 19:58	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 22:21	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Analysis	2340B-2011		1			398686	08/29/15 10:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 19:49	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 18:03	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			398657	08/28/15 13:56	OLB	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			398627	08/28/15 13:56	OLB	TAL SAV
		Instrument ID: MANTECH								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: GKMSW01_082715

Date Collected: 08/27/15 08:45

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398599	08/28/15 14:08	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	398616	08/28/15 15:49	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		5	5 mL	5 mL	398656	08/28/15 21:43	AJO	TAL SAV
		Instrument ID: CICH								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 20:08	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 18:17	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 18:28	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 20:51	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Analysis	2340B-2011		1			398686	08/29/15 10:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 19:10	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 18:12	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			398657	08/28/15 14:03	OLB	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			398627	08/28/15 14:03	OLB	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: GKMSW04_082715

Date Collected: 08/27/15 09:40

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398599	08/28/15 15:10	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	398616	08/28/15 15:03	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		5	5 mL	5 mL	398656	08/28/15 22:45	AJO	TAL SAV
		Instrument ID: CICH								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: GKMSW04_082715

Date Collected: 08/27/15 09:40

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 21:36	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 19:46	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 20:03	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 22:26	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Analysis	2340B-2011		1			398686	08/29/15 10:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 19:52	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 18:24	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			398657	08/28/15 14:18	OLB	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			398627	08/28/15 14:18	OLB	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: GKMSW05_082715

Date Collected: 08/27/15 09:10

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	398599	08/28/15 15:25	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	398616	08/28/15 15:18	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		5	5 mL	5 mL	398656	08/28/15 23:00	AJO	TAL SAV
		Instrument ID: CICH								
Dissolved	Prep	200			50 mL	50 mL	398585	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 21:41	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	398601	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	398685	08/28/15 19:50	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	398581	08/28/15 13:00	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 20:19	BJB	TAL SAV
		Instrument ID: ICPMSB								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Client Sample ID: GKMSW05_082715

Date Collected: 08/27/15 09:10

Date Received: 08/28/15 09:20

Lab Sample ID: 680-116122-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	398600	08/28/15 13:41	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	398660	08/28/15 22:42	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Analysis	2340B-2011		1			398686	08/29/15 10:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	398597	08/28/15 13:33	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 20:01	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	398566	08/28/15 12:14	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	398659	08/28/15 18:27	BJB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			398657	08/28/15 14:25	OLB	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			398627	08/28/15 14:25	OLB	TAL SAV
		Instrument ID: MANTECH								

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

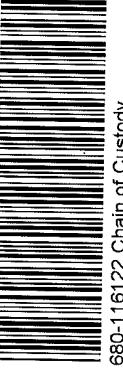
ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

<input type="radio"/>	Alternate Laboratory Name/Location
<input type="radio"/>	Phone: Fax:

PROJECT REFERENCE <i>Garrison Mine</i>	PROJECT NO.	PROJECT LOCATION (STATE) <input checked="" type="radio"/>	MATRIX TYPE	REQUIRED ANALYSIS	PAGE	OF
TAI (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.			STANDARD REPORT	<input checked="" type="radio"/>
CLIENT (SITE) PM <i>Nicole Ryhoda</i>	CLIENT PHONE 303-736-6100	CLIENT FAX X(610)			DATE DUE	<input checked="" type="radio"/>
CLIENT NAME <i>Weston</i>	CLIENT E-MAIL				EXPEDITED REPORT	<input checked="" type="radio"/>
CLIENT ADDRESS <i>1455 Garrison St. Lakewood CO 80215</i>	COMPANY CONTRACTING THIS WORK (if applicable)				SURCHARGE	
NONAQUEOUS LIQUID (OIL, SOLVENT, ...)						
AQUEOUS (WATER)						
COMPOSITE (OR GRAB (g)) INDICATE						
SOLID OR SEMISOLID						
SAMPLE IDENTIFICATION						
DATE	TIME					REMARKS
8/26/15	12:53	RB Effluent	082615	G12	X X X X	1 Container per Sample
8/26/15	08:30	CCCO	-082615		X X X X	
8/26/15	10:03	TP04	-082615		X X X X	
8/26/15	12:30	A08	-082615		X X X X	
8/26/15	13:45	A72	-082615		X X X X	
8/26/15	11:10	GKMS003	082615		X X X X	
8/26/15	12:30	A08	-082615D		X X X X	
8/26/15	13:10	CC48	-082615		X X X X	
8/27/15	08:45	GKMS001	082715		X X X X	
8/27/15	09:40	GKMS004	-082715		X X X X	
8/27/15	09:10	GKMS005	082715		X X X X	
REINQUISITIONED BY: (SIGNATURE) <i>John W. Johnson</i>	DATE 8/27/15	TIME 10:15	REINQUISITIONED BY: (SIGNATURE)	DATE	TIME	TIME
RECEIVED BY: (SIGNATURE) <i>John W. Johnson</i>	DATE 8/28/15	TIME 09:20	RECEIVED BY: (SIGNATURE)	DATE	TIME	TIME
LABORATORY USE ONLY						
RECEIVED FOR LABORATORY BY: <i>John W. Johnson</i>	DATE 9/11/2015	TIME 09:20	CUSTODY INTACT YES <input checked="" type="radio"/> NO <input checked="" type="radio"/>	CUSTODY SEAL NO. <input checked="" type="radio"/>	SAVANNAH LOG NO.	LABORATORY REMARKS <i>1/8/2015</i>



680-116122 Chain of Custody

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-116122-1

Login Number: 116122

List Source: TestAmerica Savannah

List Number: 1

Creator: Daughtry, Beth A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-116122-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	12-31-15

1

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